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1634 1902

REPORT

— OF THE —

TOWN OFFICERS

— OF —

IPSWICH, MASS.,

FOR THE YEAR ENDING DECEMBER 31, 1901

— AND THE —

TWO HUNDRED AND SIXTY-EIGHTH YEAR OF THE TOWN'S INCORPORATION.

Ipswich, Mass.:
The Chronicle Motor Print.
1902.

974.4

TOWN OFFICERS, 1901.

TOWN CLERK.

Chas. W. Bamford.

SELECTMEN.

Geo. A. Schofield, Chairman.

Chas. E. Goodhue, Chas. G. Hull.

ASSESSORS.

Geo. A. Schofield, Chairman.

Daniel S. Appleton, Chas. E. Goodhue.

OVERSEERS OF THE POOR.

Geo. A. Schofield, Chairman.

Chas. S. Cummings, Daniel S. Appleton.

TREASURER AND COLLECTOR.

Chas. W. Bamford.

SCHOOL COMMITTEE.

Chas. W. Bamford, Chairman.	Term	expires	1904
Chas. G. Hull,	"	"	1904
Chas. S. Cummings,	"	"	1903
Geo. W. Tozer,	"	"	1903
John H. Cogswell, Secretary.	"	"	1902
Harriet E. Noyes,	"	"	1902

REGISTRARS OF VOTERS.

J. Farley Kinsman, Chairman, Chas. W. Bamford,

Chas. H. Glasier, Lyman H. Daniels.

AUDITOR.

Henry F. Dunnels.

CONSTABLES.

Frank C. Hull, Newell M. Jewett,

J. W. Patterson, W. B. Atkinson.

WATER COMMISSIONERS.

Walter E. Lord, Chairman.

Aug. H. Plouff, Wm. H. Rand.

Cemetery Commissioners.

Philip E. Clarke, Sam'l N. Baker, Erastus Clark.

Board of Health.

James Griffing, Chairman.

Levi W. Mallard, Geo. W. Smith.

ASSESSORS' REPORT.

FOR THE YEAR ENDING DECEMBER 31, 1901

Appropriations.

For High and common schools	$13500 00	
Highways	6500 00	
Edgestones and concrete	1000 00	
Current expenses	3000 00	
Street lamps	1500 00	
Fees and salaries	4500 00	
Fire department	1800 00	
Poor account	2500 00	
Farm account	1500 00	
Note, Green street bridge	500 00	
Note, Brown street	250 00	
Note, Argilla road	300 00	
Notes, Winthrop schoolhouse	1100 00	
Notes, Rowley road	500 00	
Sinking fund, (Water account)	2363 50	
Hydrant service	1651 00	
Memorial day	150 00	
Interest on town notes	1400 00	
Discount	575 00	
Abatements	500 00	
Care of cemeteries	1000 00	
Care of commons	200 00	
Purification Water Supply	500 00	
Independence Day	400 0	
Hose Reel	350 00	
Revolutionary veterans	50 00	
Town Records	50 00	
Drinking Fountain	100 00	
Tree Warden	400 00	
Historical Society	200 00	
Total appropriations		$48339 50

Total appropriation	$48339 50	
State Tax	2961 74	
County Tax	2756 74	
Total to raise	$54057 62	
Less receipts (estimated)	11279 46	
Total assessed		$42778 16
Divided as follows:		
Amount raised on polls	2230 00	
" " " personal property	9237 74	
" " " real estate . .	31310 42	
Total		$42778 16

Number of Polls 1115.
Tax on Poll, $2.00.
Rate of Taxation, $12.00 per thousand.

	1900	1901
Valuation on Personal Estate,	$789223 07	$769811 67
" Real "	2456112 30	2597235 83
" Total	$3245335 37	$3367047 50

Total number of persons assessed 1807.
Number assessed on property 1249.
" " " poll tax only 558.

Valuation of buildings	$1786655 00
Valuation of land	810550 83
Valuation of personal property	769811 67

Number of horses and jacks	assessed	700
" of cows	"	691
" neat cattle other than cows	"	228
" sheep	"	8
" swine	"	229
" fowl	"	7401
" dwelling houses	"	1011
" acres of land	"	16426

The appropriation for abatements was $500. and the abatements allowed on the taxes for this year amounted to $421.96. There were also abatements of $69.40 allowed on 1900 taxes. The tax rate was reduced from $13.00 to $12.00 this year.

A comparison of the valuation figures for this year and last year, will show that the valuation has increased $121,712.13. This increase has not been on personal property, as has been stated by some who seek to account for the good showing the Town has made, by stating that the large increase in personal property has brought it about, for as a matter of fact, the valuation of personal property for 1901 was, $19,411.40 LESS than for 1900. The increase in real estate was $141,123.53 and, deducting the loss on personal property, the net increase was $121,712.13. That amount at $12 on $1000. would bring in only $1460.56 increased taxes, so that it is obvious that the increased income must be explained some other way. The true explanation is, that the Assessors have worked hard and earnestly to secure for Ipswich her full share of corporation tax, and that they have been successful this year to an extent far beyond all previous efforts. This can best be shown, by the fact that on the first award of corporation tax this year by the state, Ipswich received over $4000 more than last year, and that after that award was made, five days work looking over the corporation books at the State House, brought to light taxes to the amount of $1507 more, which had been awarded to other towns or cities, against which awards Ipswich filed a protest, and later the Assessors appeared before the Board of Appeal and won their case, the $1507 being awarded to Ipswich.

The Assessors wish to call the attention of those who own shares or stock in Massachnsetts corporations, to the fact that it will be for their benefit, as well as for the benefit of Ipswich, if they will give the assessors a full list of those shares. The State taxes those shares, and later pays back to the town or city where the owners live, a proportionate part of the tax. In some cases the clerks of the the corporation do not give the State a correct list of stockholders with their last known residence. For instance, Mr. A. owns shares in the B. & M. R. R. Co. He resides in Boston in 1900, but in 1901 he moves to Ipswich. Unless the Corporation clerk has notice of his change of residence, and in turn notifies the State, his corporation tax will continue to be paid to Boston, when it should

come to Ipswich. By giving the assessors a list of his shares, it will give them an opportunity of having the correction made, and as every dollar received for corporation tax helps reduce the local tax rate, Mr. B. will be benefitted by a reduced rate in Ipswich.

We are greatly pleased to have been able to drop the rate another dollar in 1901, which makes a total reduction of $3. in the rate in four years, in 1897 the rate being $15.00 on $1000, and $12.00 in 1901. It is a matter of still greater pleasure to say that the financial standing of the Town on Jan. 1, '02 is such that with the appropriations kept at the same figures as last year, the rate for 1902, can be, and probably will be, reduced $2. bringing it down to $10 on $1000.

Respectfully submitted.

Geo. A. Schofield,
Daniel S. Appleton,
Chas. E. Goodhue,
} Assessor of Ipswich.

Ipswich, January 1, 1902.

TOWN CLERK'S REPORT.

To the Selectmen of Ipswich:

During the past year progress has been made in the preservation and care of the records of the town, still much remains before it can be said the work is done, many books are yet in a dilapidated state, every one of them of great value, as they are the records of the past, and *they are the history of the town*, written by those who were active participants in the events which they record. It is much to be regretted that steps were not taken years ago to do this work, but it is only another illustration of the truth of the saying, "That which is everybody's business is no one's." Fortunately the Legislature has enacted such measures that the work must now be done; and assisted by a growing interest of the citizens in the good work, all towns and cities will have in time, an almost, and in some instances, a complete set of records. Some of the oldest of our town records have been copied, but the originals must be preserved and properly bound, (they are of so much value), but they are in such condition that I am compelled to keep them from the general use until they can be put in proper form. I find upon examination of two books now in the Clerk's office, that some pages are very badly mutilated, and some are missing, but enough remains to demand care. Twice they have been put in condition for repair and binding, but parties from other places have been anxious to see them, and although every care was taken by myself to prevent injury or confusion, yet those who had examined them and made the copies they wished for, had exercised no care or judgment in handling the pages, the result being that days of careful work was spoiled and the work must all be done again. Since my last experiences

of that nature I have informed those asking for the original record that the earlier ones were not in a condition to be used. I would suggest that the same course be adopted for the future until the records can be put in form to be handled.

The new shelves for the safe vaults are not yet in place, but arrangements have been made, by which they soon will be, and an additional safeguard added to the safety of the Town property, placed in the vaults.

I submit the following as the vital statistics as reported to the town clerk and recorded, copies of which have been forwarded the office of the Secretary of the Commonwealth, the copies being made in detail.

Births during the year.

Whole number	106	Twins in one family.	
Born in Ipswich	104		
Born in Boston	2	Total	106

Fathers born in	Ipswich	21
" "	Massachusetts	26
" "	United States	9
" "	British Provinces	30
" "	England	4
" "	Ireland	3
" "	Scotland	1
" "	Germany	2
" "	Russian Poland	2
" "	Austrian Poland	1
" "	Jerusalem	2
" "	Sweden	2
" "	Unknown	2
	Total	105
Mothers born in	Ipswich	14
" "	Massaschusetts	23
" "	United States	12
" "	British Provinces	39
" "	England	4
" "	Ireland	3

Mothers	born	in Scotland	2
"	"	Sweden	2
"	"	Russian Poland	2
"	"	Austrian Poland	1
"	"	Jerusalem	1
Unknown			2
		Total	105

Residence of parents, Ipswich 102, Boston, 1; Gloucester, 1; Stockbridge, 1. Births by months; January, 9; February, 10; March, 9; April, 11; May, 7; June, 9; July, 11; August, 10; September, 9; October, 11; November, 6; December, 4; Total 106.

Marriages during the year. Whole number, 50.

Grooms	born	in Ipswich	9
"	"	Massachusetts	18
"	"	United States	6
"	"	British Provinces	13
"	"	England	1
"	"	Ireland	3
		Total	50
Brides	born	in Ipswich	9
"	"	Massachusetts	15
"	"	United States	6
"	"	British Provinces	17
"	"	Ireland	3
		Total	50

Oldest groom 55 years. Oldest bride 47 years. Youngest groom, 19 years. Youngest bride, 17 years. One groom, third marriage. 5 grooms, second marriage. First marriage for every bride.

Marriages by months: Jan., 3; Feb., 1; March, 5; April, 9; May, 3; June, 9; July, 3; Aug., 2; Sept., 4; Oct., 6; Nov., 4; Dec., 1; Total 50.

Married by the various Protestants denominations	28
Married in the Catholic church	20
Married by a Justice of the Peace	2
Total	50

Deaths during the year: Whole number 107; males 59; females 48.

Born in Ipswich 44; other cities and towns in Mass. 32; other States 16; British Provinces 9; Ireland 3; England 2; unknown 1; Total 107.

Died in Ipswich 85; in other places and brought to Ipswich for burial 22. Three were 90 years and over: viz. Mrs. Mary S. Farley, 92 years, 9 months, 23 days; Mrs. Judith Burnham, 92 years and 9 months; Mrs. Caroline Cushing, 90 years and 8 months. Ten were 80 years and over, 14 were 70 years and over; 13 were 60 years and over; 20 were 50 years and over; 8 were 40 years and over; 6 were 30 years and over; 3 were 20 years and over; 2 were 10 years and over; 28 died at birth or before reaching the age of 10 years. Total 107.

Burials by months, January, 8; February, 8; March, 14; April, 9; May, 8; June, 9; July, 7; August, 11; September, 16; October, 5; November, 4; December, 8; Total 107.

There have been granted during the year by the Selectmen the following Licenses:

Liquor Licenses, Innholders and Common Victuallers of the 4th class,	4
" " Wholesale dealers of 1st class,	4
" " Druggists of 6th class,	2
Innholders Licenses,	2
Common Victuallers,	4
Billiard and Pool Licenses,	3
Auctioneers Licenses,	4
Old Junk and second-hand articles,	2

All of the above recorded as required.

Whole number of dogs licensed,			174+2=176
Male dogs,	158.		
Female dogs,	16.	Total,	174+2=176

Number returned to County Treasurer, 174.

Two dogs were licensed after the expiration of the time for making returns to the County Treasurer, making a total of 174+2=176.

Respectfully submitted,

Charles W. Bamford,

Ipswich, Jan. 1, 1902. Town Clerk.

REPORT OF THE BOARD OF HEALTH.

Whole number of cases of Contagious and Infectious diseases reported to the Board of Health, for the year ending Dec. 31st, 1901, was 32. Of these, 6 cases were of Diphtheria, 7 cases of Scarlet Fever, 18 cases of Typhoid Fever, and 1 case of Measles. Death due and resulting from same, 2 each from Scarlet Fever and Typhoid Fever. With the exception of the slight epidemic of Typhoid Fever, the general health of the town has been good. The board has been greatly assisted during the year in all cases by the hearty co-operation of the physicians and the school department. In every instance there has been a quick response to all our requests and suggestions by the school committee and teachers, to which our success in the restriction and prevention of the spread of the Contagious diseases is mainly due.

During the latter part of the year, a recommendation was made to local Boards of Health by the State Board, urging the importance of vaccination on account of Small Pox being prevalent in this section of New England, and this board at once issued an order requesting all persons who had not been successfully vaccinated within five years, to be vaccinated at once, and the order has been very generally complied with.

As regards the Sanitary Condition of the town, there is very little to be said. Complaints to the board have been very few, and in each case they have been carefully investigated and all our suggestions and requirements carried out.

Respectfully submitted,

James Griffing, Chairman,
Geo. W. Smith, Secretary,
Levi W. Mallard,
} Board of Health.

Ipswich, Jan. 10, 1902.

SCHOOLS.

Bills allowed for Manning and common schools during the year 1901.

MANNING SCHOOL.

Paid

Trustees of Manning School as per contract	$1600 00

TEACHERS.

Bills approved and allowed by the school committee.

Paid

Susie Potter	$200 00
Carrie L Lakeman	281 25
Annie C Hatch	300 00
S Isabel Arthur	693 75
Eva M Purinton	438 75
E Mable Adams	500 00
Eva A Willcomb	384 20
Katherine F Sullivan	562 50
Grace E Smith	320 00
Kate C Baker	380 00
Nellie Sullivan	100 00
Mabelle R Willis	426 75
Annie P Wade	389 00
Cora A Smith	37 50
Alma Taylor	120 00
Martha U Lord	160 00
Ethel W Ratsey	306 27
Emma G Gardner	300 00
Susan L Kimball	305 40
Abbie Carr	22 30
Minnie F Hodgkins	300 00
O Louise Purinton	206 10
Elsie Ross	168 00
Katie Brown	137 50

Mary E Archer	$392 00	
Edith F Perley	192 00	
Isabel G Brown	320 00	
Cora H Jewett	250 00	
Laura A. Hubbard	150 00	
Augusta N Appleton	260 00	
		$8603 27

BOOKS AND SUPPLIES.

Paid

J A Davis	$5 00
Orville, Brown & Co	4 00
Rumford Supply Co	2 20
Boston School Supply Co	1 75
Ginn & Co	217 33
D C Heath & Co	32 84
J L Hammatt Co	141 89
Edward E Babb & Co	168 20
Prang Educational Co	2 40
Silver, Burdett & Co	45 34
Slater, Jennings Co	4 25
Gillott & Co	19 50
Allyn & Bacon	17 67
American Book Co	26 44
Geo F King & Co	61 03
Wardsworth Howland Co	19 00
Globe Book Co	37 98
F J Barnard Co	29 29
W O Hartshorn	12 50
Franklin Latin Supply Co	9 94
Caster & Co	5 53
Thompson, Brown & Co	40 00
D W Fisher & Co	10 00
Scott, Foresman & Co	19 67
Atkinson & Mentzie	48 35

T R Shewell & Co	$ 3 25	
Franklin Educational co	15 06	
S Ward Co	7 07	
Rand, McNally co	66 19	
Perry & co	79 39	
Ditson & co	20 04	
Maynard, Merrill & Co	5 98	
Morello Ewing Co	50	
Richardson Smith Co	18 60	
Houghton Mifflin & Co	6 15	
Chronicle Pub. Co	45 60	
F R Hull	72 25	
		$1322 18

CARE OF SCHOOLHOUSES.

Paid

Smith E Hayes	janitor	$200 00	
William P Gould	"	275 00	
William Kirk	"	79 00	
Geo H Lauer	"	10 00	
Geo E Smith	"	9 00	
Charles Bailey	"	11 00	
J B Mitchell, cleaning vaults		54 00	
			$638 00

FUEL

Paid

T B Fall & Son, coal	$152 29	
C Chester Caldwell, coal	112 90	
J S Glover, coal	110 84	
P R Eames, coal	106 17	
Robert Stone, wood	7 50	
D S Appleton, wood	8 25	
N R Underhill, wood	5 00	
Adam G Lauer, wood	16 10	
		$519 05

INCIDENTALS.

Paid

L & B St R R, transportation	$200 00	
Austin Morse, transportation	288 00	
Jackson Ex Co, express	16 65	
American Ex Co, express	13 96	
Water Dept	77 16	
A S Garland, truant officer	40 00	
Ipswich Post Office, stamps	12 00	
Howe's Ex., express	6 77	
Ned L Harris, express	6 22	
A D Mallard, express	5 59	
F J McConnell, address	25 00	
C S Cummings. census	25 00	
Jos Johnson, Fire extinguishers	24 00	
Agawam Stables, teams	3 00	
D A Grady, teams	5 00	
Frank R Shaller, music	7 00	
M. Callahan, express	1 50	
E H Crane, boat	2 00	
E R Smith, supples	1 00	
L E Willcomb, supplies	5 12	
J C Stone, supples	6 51	
W E Lord, supplies	6 35	
C S Tyler, supplies	75	
H K Dodge, supplies	95	
F T Goodhue, supples	70	
Luther Caldwell, supplies	20 00	
		$800 23

REPAIRS.

Paid

Foster Russell, labor	$4 47
John W Goodhue, supplies	22 12
Soar & Sheppard, painting	13 06
A H Plouff, supplies and repairs	26 88

W L Johnson, labor	11 88	
Austin Lord, labor	33 21	
Geo H Lord, "	17 78	
J H Lakeman, painting	15 63	
G H Brocklebank, labor	3 50	
M Newman, labor and supplies	54 99	
Geo Spencer, labor	30 70	
Samuel Foss, labor	4 30	
J E Norman, labor	16 96	
Alfred Norman, labor	11 99	
A W Gould, labor	1 10	
S F Canney, lumber	35 89	
T E Condon, supplies	35	
Luther Lord, labor	6 60	
Mrs M Chisholm, labor	1 20	
Jessie Wilkinson, labor	60	
Nellie Claxton labor	60	
Justin Creamer labor	3 00	
Annie Bailey, labor	1 00	
Chas S Jewett, labor	1 00	
Chas W Spiller, labor	2 00	
M Russell, labor	5 00	
Stephen H Baker, labor	2 00	
		$327 81

SUMMARY.

DR.		CR.	
To appro'ation, 1901	$13500 00	Paid Trustees Manning school	$1600 00
To amt rec'd dog licenses	363 79	Paid Teachers	8603 27
To amt rec'd tuition from other towns	117 57	Paid books and supplies	1322 18
		Paid care of school-houses	638 00
		Paid for fuel	519 05
		" incidentals	800 23
		" repairs, etc	327 81
		By balance	170 82
Total	$13981 36		$13981 82

FEES AND SALARIES.

SELECTMEN.

Paid

Geo A Schofield	$150 00	
Charles E Goodhue	50 00	
Charles G Hull	56 25	
		$256 25

ASSESSORS.

Paid

George A Schofield	$150 00	
Daniel S Appleton	75 00	
Charles E Goodhue	50 00	
		$275 00

OVERSEERS OF THE POOR.

Paid

George A Schofield	$150 00	
Charles S Cummings	75 00	
Daniel S Appleton	75 00	
		$300 00

Paid

Chas W Bamford, town clerk, 1900 and 1901	$165 32	
Thomas E Condon, treasurer and collector	400 00	
Henry F Dunnels, auditor	50 00	
		$615 32

SCHOOLS.

Paid

Chas G Hull, committee	$55 75	
Chas S Cummings, "	56 95	
Harriet E Noyes, "	86 00	
Geo W Tozer, "	78 75	

John H Cogswell, committee	$ 91 25	
Chas W Bamford, "	37 50	
John H Cogswell, purchasing agent . . .	75 00	
John W Nourse, committee	5 00	
		$486 20

REGISTRARS.

Paid

Chas W Bamford	$30 00	
J Farley Kinsman	20 00	
C H Glasier	20 00	
L H Daniels, ...	20 00	
		$90 00

POLICE.

Paid

Frank C Hull	$554 90	
Newell M Jewett	124 75	
Charles T Littlefield, ...	45 75	
W B Atkinson	382 00	
John W Patterson, ...	272 50	
W H Jewett 2nd specials	66 00	
E N Brown "	2 50	
Chas M Jewett "	41 00	
Nathaniel T Lord, "	9 25	
James Sheppard, "	13 50	
James A Lord, "	40 05	
John S Spiller, "	6 75	
H O Whittier, "	20 50	
V H Grant, "	13 00	
Frank A Ross, "	12 25	
Edward H Smith, "	7 00	
Elmer C Smith, "	8 00	
Daniel H Wells, "	13 00	
J R Richards, "	12 00	
H F Fall, "	12 25	
		$1656 95

CONSTABLES.

Paid

W B Atkinson, posting warrants	$ 5 00	
J W Patterson, posting warrants	5 00	
F C Hull, posting warrants	10 00	
		$20 00

BOARD OF HEALTH.

Paid

James Griffing	$50 00	
George W Smith	50 00	
Levi W Mallard	50 50	
		$150 50

Paid

A S Garland, keeper of lockup	$50 00	
F Willcomb, moderator	10 00	
C W Bamford, recording deaths, etc . . .	77 10	
Geo G Bailey, M D returning births . .	12 50	
G E Macarthur, M D " " . .	5 50	
W E Tucker, M D " " . .	18 50	
C E Ames, M D " " . .	4 00	
P E Clarke, " deaths . .	32 75	
Geo Haskell, " " . .	10 75	
E N Brown, Inspector of cattle	153 10	
		$374 20

ELECTION OFFICERS.

F F Byron	$ 5 00
John J Carey	12 50
Arthur Walton	12 50
V E Rust	7 50
Albert Fairfield	12 50
Albert S Hills	12 50
Eugene Girard	7 50
G H W Hayes	12 50
John Peatfield	12 40
Henry A Pickard	12 50
Chas H Noyes	7 50

Walter Gould	$10 00	
Geo Spencer	7 50	
W L Augur	12 50	
Emery A Hall	12 50	
Howard N Jewett	7 50	
Clarke O Abel	12 50	
Edw E Wells	7 50	
Harry F Girard	5 00	
Geo H Hills	5 00	
Wm A Clark	5 00	
Wm A Stone	5 00	
Luther Wait	5 00	
Frank Stackpole	5 00	
C Chester Caldwell	5 00	
Frank H Jewett	5 00	
C E Goodhue	5 00	
G A Schofield	5 00	
		$235 00

DR. SUMMARY. CR.

To appro'ation, 1901	$4500 00	By amt pd police	$1656 95
		By amt pd school officials	486 20
		By amt pd board of health	150 50
		By amt pd constables	20 00
		By amt pd registrars	90 00
		By amt pd auditor	50 00
		By amt pd selectmen	256 25
		By amt pd assessors	275 00
		" pd overseers of the poor	300 00
		By amt pd town clerk	165 32
		" " treasurer	400 00
		" " election officers	235 00
		" amt pd other officials	374 20
		" balance	40 58
Total	$ 4500 00		$4500 00

STREET LAMPS.

Paid		
S F Canney, lumber	$ 2 65	
E G Damon, labor	4 38	
A P Hills Co, supplies	1 80	
Est. M Nolan, iron work	6 15	
J H Lakeman, repairs	12 90	
John Dupray, care of street lights and supplies	1183 59	
Ipswich Gas Light Co., gas	250 64	
C W Brown, mantles, chimneys, etc.	54 30	
J W Goodhue, new lights and repairs	31 55	
F Russell, labor	3 60	
		$1551 56

SUMMARY.

DR.		CR.	
To appropriation	$1500 00	By bills paid 1901	$1551 56
To balance	51 56		
	$1551 56	Total	$1551 56

REPORT OF ENGINEERS'.

To the Selectmen of Ipswich,

Gentlemen:

Following is the report of the Board of Engineers of the Fire Department, for the year ending Dec. 31, 1901:

Number of alarms	12
Property damaged by fire	$2255 00
Insurance on same	5100 00
Insurance paid	2215 00
Number of men in department	67
Value of fire department equipments	$7000 00
Value of buildings occupied by the dept	3000 00
Value of Fire Alarm Equipment	1300 00
Number of feet of good hose	4000
Number of feet of poor hose	500
Number of feet of hose laid at fires during year 1901	3500

We recommend two fire alarm boxes, one at corner of Peatfield and Estes streets, and one on pole at Depot square.

We recommend changing No. 26 to corner of Central and Market streets.

We recommend $1800. be raised and appropriated to run the fire department for the ensuing year.

Respectfully submitted,

A J Barton, R R Glasier, T R Lord, } Engineers Fire Depart'nt.

Ipswich, Jan. 1, 1902.

FIRE DEPARTMENT.

Paid	
Engineers Fire Department, salaries . . .	$115 00
Steamer Co No 1 and Hose 1 " . . .	210 00
Hose Co No 2 " . . .	165 00
Torrent Engine No 3 " . . .	122 50
Hook & Ladder Co No 1 " . . .	300 00
Geo W Brown, salary as steward	20 00
Fred A Carter, " "	40 00
Geo H Hills, " "	20 00
Benj R Horton, " "	20 25
C W Canney, engineer	30 00
Walter Hicks, watching fires	2 50
H O Whittier, " "	5 00
D H Wells " "	1 00
Edw H Smith, " "	35
Arthur Norwood, " "	75
Roy Brocklebank, " "	75
Ernest Carter, " "	1 00
Geo Brown, " "	2 00
J J Bailey, labor	3 75
Wm Bridges, forest fires	50
John J Spiller, " "	50
Cyrus Conant, " "	38
Justin Creamer, " "	38
H Conant, " "	38
Carter Bros, hauling engine	20 00
A D Mallard, " wagon	28 00
Standard Extinguisher Co., extinguishers .	76 80
C C Caldwell, coal	55 31
Electric Gas Light Co, supplies	53 30

W E Decrow, fire alarm apparatus	$142 10
Jackson Express co., express	5 85
A D Mallard, express	2 25
American ex. co., express	1 20
Ned L Harris, express	80
Thos A Howe, team	2 00
M Callahan, team	2 00
C Damon & Co, supplies	4 58
J W Goodhue, "	15 91
A C Damon, "	75
L E Willcomb, "	1 25
F T Goodhue, "	35
Water Dept Town "	1 04
P R Eames, coal	14 00
C W Brown, labor and supplies	3 70
Ipswich Gas Light Co., gas	22 40
Aaron Lord, labor	18 55
C B Eastman, labor	15 25
Thos Scahill, labor	7 15
C F Chapman, repairs	5 05
Soar & Sheppard, labor	1 75
E G Damon, labor	9 36
Ipswich Mills, supplies and labor	38 12
Mary E Tilton, land rent	2 00
Austin L Lord, labor	7 40
D A Grady, use of team	8 00
E J Ready, labor	4 00
G H W Hayes, legal advice	5 00
Thos R Lord, labor on fire alarm	10 00
R R Glasier, labor on fire alarm	10 00
A J Barton, labor on fire alarm	10 00
A J Barton, labor	4 00
Combination Ladder co., ladder	30 00
Western Union Tel. Co., clock	7 50
N J Busby & Co, supplies	16 00
S F Canney, lumber	32 08
James Graffum, hose wagon and repairs . .	90 45

E N Brown, rent and poles	$ 15 60	
Boston Belting co. hose	312 75	
		$2175 59

DR. SUMMARY. CR.

By appropriation	$1800 00	By bills paid	$2175 59
By appropriation, hose reel and hose . .	350 00		
" balance	25 59		
Total	$2175 59	Total	$ 2175 59

TOWN FARM.

BILLS ALLOWED.

Paid

George B Brown, grain	$784 30	
		$784 30
Blaisdell Bros, groceries	$32 80	
H K Dodge, groceries	36 21	
N Burnham, groceries	94 41	
A P Hills Co, groceries	19 23	
T E Condon, groceries	78 78	
F T Goodhue, groceries	60 48	
C Damon & Co, groceries	6 87	
L E Willcomb, groceries	19 47	
N J Bolles, groceries	31 66	
C W Hayes, groceries	25 67	
H F Fall, groceries	63 90	
E Morine, groceries	12 91	
J W Brown, groceries	56 38	

W B Richards, groceries and provisions .	$ 6 35	
G W Tozer, " "	66 81	
D W Kimball, provisions	40 38	
J W Perkins, provisions	54 91	
		$707 22
Paid		
W E Lord, dry goods	$ 16 06	
W S Russell, dry goods	12 02	
S N Baker, clothing	13 65	
G F Langdon, clothing	19 75	
		$61 48
S H Thurston, boots and shoes	$ 7 25	
J A Tucker, boots and shoes	7 20	
E T Pike, boots and shoes	10 25	
F L Lyons, boots and shoes	12 25	
		$36 95
J L Grant, fish	5 32	
W S Atkinson, fish	34 45	
E J Grant & Son, fish	11 18	
		$50 95
T B Fall & Son, coal	$ 21 71	
P R Eames, coal	39 04	
C C Caldwell, coal	22 01	
J S Glover, coal	30 43	
		$113 19
E R Smith, medicine	$ 3 05	
C W Brown, medicine	3 50	
C F Chapaman, repairs	21 18	
J R Richards, repairing	16 10	
J W Goodhue, hardware	48 63	
J A Smith, blacksmithing	17 27	
J Durand, blacksmithing	7 50	
Est M Nolan, blacksmithing	6 60	
Edw Akerman, blacksmithing	6 80	
Jere Davidson, blacksmithing	3 80	

A P Littlefield, blacksmithing	$12 98	
Wm Warner, hay	10 20	
D S Perley, cows	22 50	
John Roberts, use of horse	7 50	
Peter Quill, cows	60 00	
D S Appleton, cows	18 00	
W J Norwood, grinding corn	15 28	
A H Plouff, supplies	38 70	
C S Tyler, repairs	2 00	
J Graffum, repairs	19 00	
T F Cogswell, supplies	6 79	
W A Spiller, repairs	2 00	
J Stackpole & Son, fertilizer and soap . .	66 08	
C O Amazeen, tobacco	15 84	
A C Damon, furniture	36 86	
Westchester Ins Co	12 25	
Geo Brocklebank, mason work	19 25	
D A Hodgkins, labor	4 00	
Jos. Johnson, fire extinguisher	10 00	
A W Gordon, repairs	50	
J H Lakeman, painting	4 25	
M Whittier, use of tools	1 00	
F A Carter, work on ice	4 50	
James Sheppard, work on ice	4 00	
Ernest Carter, work on ice	2 00	
J C Safford, slaughtering	7 00	
		$536 93

LABOR.

Paid

Chas W Sylvester, superintendent . . .	$550 00
Henry Brown, ...	25 96
C St Cry	34 00
Letitia Reed	15 00
Belle McKenzie	45 00
Lillian Bolstridge	180 00
Grace Aikley	120 00

D W Ross	234 00	
Wm Burnham	167 28	
P Doherty	18 32	
		$1389 56
Bills paid by Supt	46 85	
		$46 85

RECEIVED FROM SALES FROM FARM.

Cream	$1158 33	
Milk	385 40	
Potatoes	22 40	
Pigs	29 50	
Calves	206 00	
Hay	38 55	
Other sales	54 02	
		$1894 10
Due for sales at Farm		$300 25
Total sales		$2194 35
Total amt paid for support of Farm		$3747 43
Total receipts	1894 10	
Amt due Farm	300 25	
		$2194 35
Balance expense of Poor at Farm		$1553 08
Number of inmates at Farm during year		20
Number of inmates at Farm Jan 1, 1901		16
Average cost per week of each inmate		$1 66

TOWN FARM.

SUMMARY.

DR.		CR.	
To amt on hand Jan. 1, 1901	$758 83	Amt pd grain	$784 30
To appropriation, 1901	1500 00	" groc. and prov.	707 22
To sales at farm, 1901	1894 10	" clothing	61 48
To due farm	300 25	" boots & shoes	36 95
		" fish	50 95
		" coal	113 19
		" incidentals	536 93
		" labor	1389 56
		" Supt	46 85
			3747 43
		Amt to balance	705 75
Total.	$4453 18	Total,	$4453 18

INVENTORY, STOCKS, TOOLS, ETC. AT TOWN FARM.

	1902		1901			
	NO	VALUE	NO	VALUE	GAIN	LOSS
Oxen	2	$200	2	$150	$50	$
Cows	38	990	30	900	90	
Heifers	5	100	6	120		20
Bulls	1	40	1	40		
Horses	3	350	3	350		
Fat hogs	3	75	4	100		25
Shoats	7	70	7	70		
Pigs	2	4	3	6		2
Fowl	100	50	75	37	13	
Horse wagons	4	75	4	75		
Horse wagons	1	50	1	50		
Horse cart	1	50	1	50		
Pung	1	10	1	10		
Ox wagons	2	275	2	275		
Ox carts	2	75	2	75		
Mowing machines	4	90	4	90		
Plows	3	20	3	20		
Cultivators	1	5	1	5		
Horse hoes	2	10	2	10		
Harrows	3	30	3	30		
Ox sleds	2	40	2	40		
Drag	1	5	1	5		
Wood, cords	39	234	40	240		6
Coal, tons	10	70	12	84		14
Groceries		100		70	30	
Dairy utensils		110		110		
Furniture and bedding		450		450		
Range and fixtures		130		130		
Stoves and furnaces		130		130		
Winnowing mills	1	8	1	8		
Wheel rakes	2	20	2	22		2
Tedders	1	12	1	14		2
Tools		75		75		
Blocks and ropes		5		5		
Harness	6	80	6	80		
Rack	1	10	1	12		2
Suction pump	1	4	1	4		
Windmill and tank		200	1	200		
Potato digger	1	13	1	15		2
Scales	1	23	1	23		
Fire extinguishers	5	10	9	9	1	
Wheelbarrows	2	5	2	5		
Screen	1	5	1	5		
Totals		$4308		$4199	$184	$75

PRODUCE, ETC.

	1902 NO	1902 VALUE	1901 NO	1901 VAL.	GAIN	LOSS
Corn, bushels	525	$ 420	530	$133	$287	$
Beans "	4	10	10	25		15
Potatoes "	250	250	200	120	130	
Roots "	50	25	100	50		25
Onions "	3	6	1	2	4	
Apples, barrels			20	20		20
Ice						
Pork, pounds	300	33	400	28	5	
Soap "	100	5	150	8		3
Ham "		5		7		2
Fish "		3			3	
Lard "			30	3		3
Butter "	65	19	30	9	10	
English hay, tons . . .	77	1463	41	779	684	
Salt hay, bl'k grass, tons	54	540	86	1032		492
Mulch, tons	6	20	6	24		4
Rowen	17	255			255	
Vinegar, gallons . . .	80	12	200	30		18
Cabbages		20		10	10	
Phosphate	3	4 50	4	6		1 50
Grain		25		20	5	
Totals,		$3,115.50		$2306	1393	$583 50
Inventory, stock, tools, etc		4308.00		4199	184	75
		7423.50		6505	1577 50	658 50
		6505 00			658 50	
		$918.50			918 50	

Summary of Income and Expenses at Town Farm for the Years 1897, 1898, 1899, 1900, 1901.

	1897	1898	1899	1900	1901
Expenditures	$4,078.43	$3,695.75	$4,229.41	$4,209.58	$3,747.43
Income	1,719.68	1,595.75	2,211.26	3,468.41	2,194.35
Total expense,	2,358.75	2,100.00	2,018.15	741.17	1553.08

REPORT OF THE OVERSEERS OF THE POOR,

FOR THE YEAR ENDING DECEMBER 31, 1901

POOR ACCOUNT.

BILLS ALLOWED.

Paid		
Nellie Doyle, rent	$ 70 00	
Geo F Rogers, rent	55 00	
Ezra Merrill, rent	48 00	
Caldwell & Kyes, rent	65 00	
L Murray, rent	17 50	
G Kinsman, rent	6 00	
Est Wm G Brown, rent	105 83	
Nellie W Augur, rent	30 00	
B & M R R, rent	45 37	
Abbie King, rent	60 00	
C A Glidden, rent	72 00	
Mrs Wm Willcomb, rent	5 50	
Jerome Dondero, rent	49 50	
Theo F Cogswell, rent	41 00	
Fred S Burnham, rent	90 00	
Francis J Kinsman, rent	68 00	
		$828 70

FUEL.

Paid		
A H Peatfield, coal and wood	$382 97	
C C Caldwell, coal	73 38	
T B Fall & Son, coal	24 09	
P R Eames, coal	14 00	
		$ 494 44

SUPPLIES.

D Winston, groceries	$ 2 00	
H K Dodge, groceries	26 00	
C W Hayes, groceries	169 48	
N J Bolles, groceries	59 00	
F T Goodhue, groceries	106 00	
T E Condon, groceries	115 90	
N Burnham, groceries	197 41	
L E Willcomb, groceries	239 09	
A P Hills Co., groceries	11 78	
People's G & P Co., groceries	23 96	
C Damon & Co., groceries	17 50	
W B Richards, groceries	57 00	
Geo W Tozer, groceries and meat	130 00	
D W Kimball, meat	68 51	
L Blaisdell, meat and groceries	160 19	
J W Brown & Co., groceries	6 00	
		$1389 82
F L Lyons, shoes	$ 6 00	
E T Pike, shoes	9 90	
J A Tucker, shoes	9 95	
S H Thurston, shoes	16 90	
		$42 75
W E Lord, dry goods	12 87	
W S Russell, dry goods	1 00	
		$13 87
C E Ames, M D	32 00	
Geo G Bailey, M D	39 65	
S A Pedrick, M D	15 00	
Geo E Macarthur, M D	281 92	
		$368 57

Mary Cate, allowance	$95 00	
Phebe Pickard, "	108 00	
Annie Dole, "	72 00	
Anna Wall "	60 00	
Eliza Banner, "	60 00	
Martha Gwinn, "	96 00	
Sisters of Charity, Salem, allowance . . .	5 00	
J K Chapman, allowance	12 00	
Peter Jedrey, board of Evans	100 50	
H L Cook, board of Lord	100 00	
Elizabeth Sheridan, board of Wilcox . . .	120 00	
Bernard Scahill, board of Williams	47 43	
Eliza Morrill, nursing	13 00	
Mrs Clancy, board of Doyle	108 00	
Mrs Ward Wright, board of Anderson . .	21 00	
		$1017 93

J L Fairbanks, record books	$10 25	
Geo Haskell, burial	64 00	
Agawam Stable, team	1 50	
G H W Hayes, expense Wilcox case . .	30 20	
G F Langdon, clothing	50	
D S Appleton, expenses	4 35	
P E Clark, burial	33 00	
S N Baker, clothing	7 25	
E R Smith, medicine	19 35	
C M Perley, milk	34 00	
F C Hull, services	3 00	
D A Grady, teams	8 00	
Chronicle Pub Co, printing	2 50	
C S Cummings, expenses	75	
G A Schofield, expences	4 25	
		$222 93

Clara Beck, care of Mrs Noyes	$12 00	
M C Witham, care of Miss Wall	2 00	
Alice Phillips, care of Miss Wall	6 43	

Enos Manthorn, care of Mrs Alfrey	12 00	
Mrs V H Dillon, care of Mrs Cate	6 00	
Aaron E Platts, care of Miss Tingley . . .	6 00	
Susan Gallagher, care of Mrs Cate	1 00	
H Simmons, care of Mrs Alfrey	28 00	
Nellie J Ready, care of Mrs Noyes	22 50	
		$95 93

POOR IN OTHER TOWNS.

Town of Wenham, partial supplies . . .	$10 25	
City of Boston, " " . . .	2 65	
City of Newburyport, " " . . .	16 50	
City of Lynn, " " . . .	42 00	
City of Salem, Hospital cases	122 85	
Town of Sutton, partial supplies	45 00	
Commonwealth of Mass., insane cases . .	591 13	
Town of Merrimac, partial supplies . . .	98 45	
City of Gloucester, " " . . .	49 00	
Town of Rowley, " " . . .	14 15	
		$ 991 98
Total amt paid for bills contracted 1901		$5466 92

Money received by Poor Department for 1901 bills.

Cash from City of Salem	$228 91	
" City of Fitchburg	45 00	
" Jos Willcomb	54 56	
" Joshua B Grant	169 00	
" Town of Lynnfield	255 33	
" Town of Salisbury	72 00	
" John P Adams	169 00	
" Frank Magee	5 00	
" Commonwealth	343 69	
" Needham	332 50	
		$1674 79

Due from other Towns and Cities for 1901.

Commonwealth	$28 51	
Town of Needham	20 00	
City of Salem	38 70	
City of Lynn	48 30	
Town of Sherborn	136 09	
Town of Lynnfield	12 20	
City of Gloucester	94 00	
		$377 80
Total amount paid out		$5466 92
Less amount received from other towns and cities for 1901	$1674 79	
Less amount due from other towns and cities for 1901	377 80	
		$2052 59
Total cost of Ipswich poor		$3424 33

POOR DEPARTMENT.

SUMMARY.

DR.		CR.	
To appropiation, 1901	$2500 00	By pd rent	$828 70
To amt rec from other towns and cities for 1901	1674 79	" " fuel	494 44
To amt due from other town and cities 1901	377 80	" " supplies	1389 82
To balance	914 33	" " shoes	42 75
		" " physicians	368 57
		" " allowances	1017 93
		" " incidentals	318 86
		" " other towns	991 98
		" " dry goods	13 87
Total	$5466 92	Total	$5466 92

The following bills for former years have also been paid to the Poor Department during 1891:

From Commonwealth 1900	$ 151 18	
" city of Salem "	165 55	
" town of Lynnfield "	27 92	
" town of Needham "	320 96	
		$665 61

The following bills are due the Poor Dept. for former years:

From town of Hamilton, 1899	$3 02	
" town of Newbury, 1899	7 69	
" town of Topsfield, 1897 and 1898 . .	95 00	
" city of Lynn, 1900	28 10	
" town of Sherborn, 1900	2 65	
		$136 46

Owing to circumstances it has been impossible to keep the expenditure for the Poor Department within the appropriation. There have been a number of calls for assistance, outside of the regular cases, and the expense in some of the cases has been quite large. In looking through the detailed expenditures, it will be seen that it has cost nearly $600. more in 1901 than 1900, for what is known as "allowances," which is money paid for support of minor orphan children. It has happened that a number of these cases were thrown upon the town in one year, and it was imperative that the Overseers should look after them. The amount expended for partial supplies, is also about $400 more than last year. This has largely been due to a few cases where both parents were ill at the same time, and the families as well the parents have been provided for. Sickness and other misfortunes cannot be averted, and we are sure that the citizens do not begrudge any amount spent for alleviation of suffering or distress, when such amount is necessary and is wisely expended.

The Overseers contracted with Dr. Macarthur for the care of the poor for the sum of $200. This care did not include surgical operations, or cases of child birth, and the amount $81.92, paid him over the $200 was for cases outside his contract. He made 554 visits during the year. The Town received from other towns and cities $215, for visits made by Dr. Macarthur, so that the amount paid by Ipswich was only $66.92. The sums paid the other physicians were for Ipswich cases in Rowley, and for cases where a Homoepathic physician was requested.

It will be seen that the income from sales from the Farm the past year is $1274 less than the previous year, but that does not mean that the Farm is so much behind, for the amount of produce on hand Jan. 1, 1902, is $918.50 more than it was the previous year. It means that in 1900, we had sold the goods and received the cash, while this year we have the goods. It will also be noticed that the expenses at the Farm were $468 LESS than the previous year.

The average cost of maintaining each inmate will appear to be larger this year than last, as we do not take into account the stock on hand in getting the average. As we figure it, it is $1.66 per week. If we followed the old plan of getting the average, deducting the increase of valuation of stock and produce from the excess of expenditures over income, the cost per week for each inmate at the farm, would be only 68 cents.

It will be recognized that the Farm has made a remarkably good showing, and that the superintendent has done well in keeping the expenses down.

We recommend the same amounts for appropriation both for the out-door poor and for the Farm as last year.

Respectfully submitted,

George A. Schofield, Charles S. Cummings, Daniel S. Appleton, } Overseers of the Poor.

Ipswich, Jan. 1, 1902.

HIGHWAYS AND BRIDGES.

DISTRICT NO. 1.

Arthur W. Conant, Surveyor.

SNOW ACCOUNT.

Paid for Shovelling, etc.

A Conant	$ 78 30
J Scott	8 30
Patrick Doherty	1 00
A Willard	1 20
T R Lord	27 50
Eben Lord	12 40
Geo W Scott	4 40
Wm Warren	1 00
Agawam Stables	15 55
Michael Callahan	1 25
Frank Goodhue	1 20
David Lowe	3 80
Herbert Witham	4 90
Robt Spencer	12 80
Geo Upton	1 60
Jerry Sullivan	16 80
Michael Laffy	4 80
E G Damon	1 00
Maynard Russell	1 60
Smith E Hayes	2 60
Luther Lord	2 80

A L Felton	1 20
H S Bowen	2 30
B Parshley	2 30
F W Sheppard	1 70
Levi L Howe	1 20
W B Copp	3 20
E H Wiley	39 55
E Robishaw	5 20
H Chace	2 80
M Bushey	1 50
Robert Gove	3 60
Charles Rogers	1 20
J Harris	1 80
Oscar Pickard	4 00
Dennis Bryant	1 20
Jos Phaneuf	4 60
J Surrette	1 60
J Mokin	1 00
Asa P Howe	80
John Sturk	2 20
J Jedroy	2 20
W H Bodwell	1 00
J Dorr	40
Lemuel Parsons	1 00
Silas Crooker	5 00
Levi Girard	3 80
M J Judge	1 60
L Jewett	60
Wm Jewett	1 40
Wm Soar	1 80
G A Pickard	5 60
S P Foster	3 60
Wm Parsons	1 60
G H Brocklebank	7 70
Nath. Rust	1 40
C W Smith	2 00
T B Fall & Son	20 75

C Dorr	1 80	
Wm Stone, Jr.	5 80	
Albert Lord	2 40	
S R Harris	2 60	
J H Foss	3 00	
O F Thompson	70	
J McLaughlin	4 70	
		$370 20

DISTRICT NO. 2.

N. T. Low, Surveyor.

Paid for Shovelling, etc.

N T Low	27 85
Irving Brown	60
James Scott	1 40
Geo Harris	1 10
Justin Hull	10 80
E A Spiller	8 40
G W Brown	3 20
C A Leet	2 00
John Dorr	4 60
T R Roberts	80
Robt Spencer	3 60
C W Smith	5 40
F L Grant	4 80
Albert Fairfield	1 20
J F Claxton	4 00
Roy Bartlett	1 50
W Bartlett	70
Walter P Ross	4 70
E M Poole	3 20
W L Stone, Jr	7 20
E C Smilh	5 80
Harold Poor	1 40
John Rollins	40
Elmer Andrews	1 00

Chas A Dorr	$ 50	
Wm P Ross	1 25	
Chas G Hull	2 20	
		$109 60

DISTRICT NO. 3.

W. F. Gould, Surveyor.

Paid for Shovelling, etc.

Walter F Gould	$17 60	
A Norman	22 90	
B Fewkes	11 00	
Isaac Bridges	4 60	
Gustavus Kinsman	2 00	
A W Brown	46 60	
Geo Harris	30	
Edw Ready	3 00	
D Hinckley	12 80	
C Hall	8 40	
Wm Dunn	1 60	
A Wells	1 60	
Henry Frye	2 00	
Valorus Grant	1 80	
Jason Ellsworth	60	
Robt Gove	4 30	
J E Norman	5 60	
Napoleon Duval	3 40	
John Busbois	3 20	
Albert S Brown	1 80	
David Lowe	1 80	
C Caswell	2 00	
Isaac Foss	9 80	
		$168 70

DISTRICT NO. 4.

John Galbraith, Surveyor.

Paid for Shovelling, etc.

John Galbraith	$24 60	
J F Kinsman	15 00	

A S Brown	$ 3 20	
Horace Brown	1 80	
Albert Spencer	2 20	
James Scott	1 40	
Bert Shepperson	50	
Alden Story	2 00	
W F Kinsman	80	
		$51 50

DISTRICT NO. 5.

G. Loring Woodbury, Surveyor.

Paid for Shovelling, etc.

G L Woodbury	$4 00	
Asa Brown	7 00	
E K Brown	7 40	
H H Story	4 50	
G E Smith	2 60	
Carl Caverly	3 50	
Rees Jenkins	2 80	
		$31 80

DISTRICT NO. 6.

Samuel Gordon, Surveyor.

Paid for Shovelling, etc.

S C Gordon	$ 3 80	
Wm Holden	5 60	
Geo Hopping	7 60	
John Goodwin	9 00	
Wm T Tarr	2 20	
J H Cameron	1 65	
Warren Fellows	90	
Wm Horton	12 85	
Eben Moulton	3 00	
T M Norman	23 20	
W F Kinsman	7 50	
		$77 30

DISTRICT NO. 7.

E. N. Brown, Surveyor.

Paid for Shovelling, etc.

E N Brown	$14 80	
F G Cross	14 00	
Albert Elwell	8 60	
J H Whipple	6 60	
A Story Brown	11 60	
B R Horton	8 00	
Wm Holton	7 00	
W Mansfield	5 60	
E L Mason	1 80	
		$78 00

DISTRICT NO. 8.

J. M. Fall, Surveyor.

Paid for Shovelling, etc.

J M Fall	$1 00	
G Hopping	2 00	
		$3 00

DISTRICT NO. 9.

Aaron Lord, Surveyor.

Paid for Shovelling, etc.

Aaron Lord	$15 80	
Mrs J R Wilson	7 80	
E B Eastman	2 90	
Ambrose Young	12 40	
E R Lord	8 90	
F A Brown	4 20	
Edw Ready	2 00	
J Goodwin	1 40	
J Callahan	1 00	
Maynard Whittier	20 80	
		$77 20

DISTRICT NO. 10.

Wm. F. Warner, Surveyor.

Paid for Shovelling, etc.

Wm F Warner	$43 40	
Austin Morse	6 40	
Thos Boylan	1 60	
Seth Senior	1 70	
A Senior	4 40	
Eben Hurlburt	1 90	
Wm Goodhue	2 60	
J Martell	1 00	
Peter Quill	1 20	
J Gerry	1 20	
C Steele	2 90	
J Andrews, jr	3 00	
		$71 30

DISTRICT NO. 11.

Thomas R. Lord, Surveyor.

Paid for Shovelling, etc.

T R Lord	$11 55	
Eben Lord	3 40	
D. McIntire	2 60	
D Bryant	1 20	
W F Burnham	3 00	
John Baker	2 40	
N R Underhill	1 20	
F Scotton	4 60	
Thos Marriott	3 30	
J Burns	3 20	
J Sheppard	5 20	
W A Burnham	3 40	
Theo Cogswell	4 48	
Daniel G Chapman	80	
		$50 33

DISTRICT NO. 12,

J. C. Conant, Surveyor.

Paid for Shovelling, etc.

J C Conant	$6 70	
H B Lewis,	80	
Libbie Wood	3 20	
W H Conant	90	
Benj Melvin	1 80	
E W Dunn	5 00	
John Spiller	6 65	
Wm O Conant	5 30	
		$30 35

DISTRICT NO. 13.

J. Kinnear, Surveyor.

Paid for Shovelling, etc.

J Kinnear	$8 40	
R B Kinnear	7 10	
D S Perley	1 60	
Justin Creamer	5 40	
L R Stone	4 80	
F Wentworth	3 60	
H Stone	8 10	
		$39 00

DISTRICT NO. 14.

C. M. Perley, Surveyor.

Paid for Shovelling, etc.

C M Perley	$1 00	
O M Hills	5 30	
A G Lauer	5 30	
L H Perley	5 40	
C E Howe	2 80	
A S Howe	2 00	
W H Farnum	1 10	
		$22 90

DISTRICT NO. 15.

C. C. Lord, Surveyor.

Paid for Shovelling, etc.

Chester Lord	$2 00	
E H Smith	21 90	
Lemuel G Parsons	2 20	
C Jewett	16 75	
Geo Harris	66	
Frank Bodwell	5 00	
W Hicks	6 80	
Joe Leno	4 90	
T Barney	3 80	
J W Ready	5 30	
T H Ready	5 40	
E F Ready	2 00	
C M Jewett	80	
W B Copp	1 80	
L L Howe	1 30	
H S Bowen	1 20	
Chester Patch	50	
C E Brown	3 00	
Edw C Lord	6 20	
Edw Dole	55	
A S Brown	70	
S F Canney	1 44	
Geo H Day	3 00	
Frank E Smith	8 25	
C Patch	10	
J B Mitchell	3 80	
Moses Grimes	1 50	
John Baker	1 50	
Geo Lord	80	
Frank Bean	80	
John Reardon	80	
Wm Ready	30	
		$115 05

DISTRICT NO. 16.

D. S. Appleton, Surveyor.

Paid for Shovelling, etc.

J E Tenney	$2 20	
C Bailey	1 30	
R Dewar	2 30	
T Marriott	2 20	
A O Goodwin	3 10	
J Sheppard	1 10	
F Sheppard	70	
M Donahue	4 20	
T Donahue	4 20	
F Scotton	2 40	
H Stokes	1 20	
J Burns	70	
		$25 80

SUMMARY OF SNOW BILLS, 1901.

District No 1	$370 20
" 2	109 60
" 3	168 70
" 4	51 50
" 5	31 50
" 6	77 30
" 7	78 00
" 8	3 00
" 9	77 20
" 10	71 30
" 11	50 33
" 12	30 35
" 13	39 00
" 14	22 90
" 15	115 05
" 16	25 80
Total	$1322 03

HIGHWAYS AND BRIDGES.

DISTRICT ROAD REPAIRS.

DISTRICT NO. 1.

Arthur W. Conant, Surveyor.

Paid for Labor, Gravel, etc.

A W Conant	$399 40
Albert S Brown	69 80
Jere Sullivan	19 20
James Scott	14 90
E G Damon	2 20
Geo W Scott	2 00
F A Carter	13 50
Ernest Carter	7 40
T R Roberts	2 00
Robt Gove	3 30
J W Davis	4 00
J C Safford	20
T H Ready	60
S F Foss	2 40
P Doherty	1 20
G A Pickard	7 20
L A Lord	28 65
David Lowe	10 70
Frank Goodhue	60
Daniel Willcomb	50

Chas W Smith	$ 1 20
W B Richards	4 50
Silas Crooker	14 00
Geo M Lord	6 20
Michael Judd	1 60
Geo H Brocklebank	26 30
Sam'l White	6 00
Eugene Bowen	8 00
Levi Girard	25 30
J Mc Laughlin	14 10
Levi Howe	8 80
Chas Mc Intire	24 20
D Minnehan jr	2 00
Geo Upton	40
T R Roberts	2 00
Herbert Witham	12 40
A A Felton	5 40
S P Foster	7 00
Edmund Ready	3 00
Wm H Burnham	10 40
M Russell	6 10
M Carey	2 00
Agawam Stables	3 00
Geo Harris	4 40
V E Rust, jr.	60
John Scott	3 00
M Callahan	25
A D Mallard	85
W A Clark	5 00
Smith E Hayes	12 55
Albert Willard	10 00
Valorous Grant	2 00
J H Hull	2 00
Sam'l Parsons	3 00
Lemuel Parsons	3 40
N J Bolles	1 12
C M Jewett	1 25

James Griffing	$2 00	
Wm Goodhue	25	
John Minnehan	1 80	
H A Churchill	75	
		$837 87

DISTRICT NO. 2.

N. T. Low, Surveyor.

Paid for Labor, Gravel, Etc.

N T Lowe	206 60
G A Hodgdon	47 50
T B Fall & Son	66 00
F A Carter	35 00
Wm P Ross	53 50
Wm L Stone Jr	12 00
Robert Spencer	2 00
D A Hodgkins	3 60
Geo Spencer	7 00
E L Andrews	22 00
G H Brocklebank	30 20
Walter P Ross	15 70
C A Dorr	29 75
J Brocklebank	21 30
James Scott	38 50
Silas Crooker	31 70
C W Smith	37 00
L E Willcomb	55
S F Canney	7 72
J A Brown	7 70
J S Glover	3 75
P R Eames	27 50
A S Brown	49 80
Ernest Carter	12 50
T F Cogswell	33 36
Wm Marshall	95
A B Clark	6 40
T R Roberts	2 00
W W Wait	1 20

L E Willcomb	$ 25	
E Norwood	12 20	
John Dorr	2 00	
E A Spiller	30	
A W Conant	80	
C H Rollins	3 00	
Geo Harris	40	
		$838 73

DISTRICT NO. 3.

W. F. Gould, Surveyor.

Paid Labor, Gravel, Etc.

W F Gould	$68 00	
Albert S Brown	19 10	
A W Brown	15 00	
Isaac Foss	14 00	
Isarc Bridges	4 00	
Robt Gove	1 00	
Edw Ready	1 00	
Alfred Norman	10 70	
Gustavus Kinsman	7 50	
Chas Small	5 00	
Valorous Grant	2 00	
B F Fewkes	4 60	
J B Scott	1 00	
Jos Claxton	1 40	
		$154 30

DISTRICT NO. 4.

John Galbraith, Surveyor.

Paid for Labor, Gravel, Etc.

John Galbraith	$ 52 50
A D Wallace	8 30
Gus Devoe	6 40
David Low	6 40
A P Burnham	8 10
Horace Brown	15 50

Alden Story	$ 38 10	
J F Kinsman	49 30	
J A Morey	1 60	
Albert S Brown	9 70	
		$195 90

DISTRICT NO. 5.

Geo. L. Woodbury, Surveyor.

Paid for Labor, Gravel, Etc.

G L Woodbury	$25 90	
J B Caverley	22 40	
G E Smith	18 00	
Albert Burnham	14 50	
J A Burnham	11 40	
J B Brown	12 60	
H H Story	29 80	
E K Brown	18 60	
		$153 20

DISTRICT NO. 6.

Samuel C. Gordon, Surveyor.

Paid for Labor, Gravel, Etc.

S C Gordon	$ 12 00	
T M Norman	17 10	
A B Fellows	12 70	
W F Kinsman	13 10	
Wm G Horton	31 75	
Samuel Gordon	3 00	
Wm T Tarr	4 10	
		$93 75

DISTRICT NO. 7.

E. N. Brown, Surveyor.

Paid for Labor, Gravel Etc.

E N Brown	$ 56 90	
C G Brown	15 50	
A Story Brown	23 00	

Ebin Moulton	$ 21 00	
F G Cross	22 00	
B R Horton	14 00	
E L Mason	5 00	
W Mansfield	4 00	
		$161 40

DISTRICT NO. 8.

John M. Fall, Surveyor.

Paid for Labor, Gravel, Etc.

Otis Holmes	$ 10 40	
D W Appleton	11 00	
J H Brown	31 60	
G A Tibbetts	8 70	
W B Sturgis	7 20	
John M Fall	29 80	
		$98 70

DISTRICT NO. 9.

Aaron Lord, Surveyor.

Paid for Labor, Gravel, Etc.

Aaron Lord	$ 65 40
Lemuel Smith	22 50
Wm B Sturgis	18 40
F A Carter	3 00
David Low	10 60
Otis Holmes	2 00
J B Scott	11 00

Albert S Brown	$ 35 00	
Wm Tarr	17 50	
M Whittier	4 50	
Edmund Ready	7 00	
		$196 90

DISTRICT NO. 10.

Wm. F. Warner, Surveyor.

Paid for Labor, Gravel, Etc.

Wm F Warner	$ 214 50	
John J Andrews Jr	3 60	
John F Tucker	10 20	
Seth Senior	6 00	
Eben Hurlburt	8 00	
Austin Morse	8 50	
Wm Goodhue	17 30	
Eugene Sullivan	27 40	
C W Steele	11 00	
Peter Quill	17 65	
J M Purinton	1 00	
J C Gerrey	1 80	
W B Andrews	1 20	
Erastus Clark	3 00	
S H Gwinn	5 00	
Wm J Norwood	8 00	
H M Purinton	1 00	
Chas Rogers	10 00	
		$355 15

DISTRICT NO. 11.

T. R. Lord, Surveyor.

Paid for Labor, Gravel, Etc.

T R Lord	$16 90	
D G Chapman	12 20	
S H Gwinn	27 30	
W K Chapman	13 50	
J W Burns	2 60	
W T Burnham	8 20	
Ebin Lord	7 20	
Geo F Gwinn	5 00	
J W Goodhue	1 00	
N R Underhill	9 00	
James Sheppard	9 50	
Fred Sheppard	3 80	
Thos Marriott	3 60	
Chester Patch	30	
W A Burnham	80	
S F Canney	2 00	
		$122 90

DISTRICT NO. 12.

J. C. Conant, Surveyor.

Paid for Labor, Gravel, Etc.

J C Conant	$25 60	
J F Scotton	19 00	
L J Wood	22 60	
C W Conant	20 35	
W O Conant	20 80	
Wm Garrette	3 19	
John C Low	3 60	
C R Titcomb	4 56	
E I Chapman	3 60	
		$123 30

DISTRICT NO. 13.

James Kinnear, Surveyor.

Paid for Labor, Gravel Etc.

J B Kinnear	$ 50 60	
D S Perley	23 00	
L R Stone	17 70	
W H Farnum	3 00	
R B Kinnear	15 00	
A T Guilford	1 00	
James Kinnear	3 78	
		$114 08

DISTRICT NO. 14.

C. M. Perley, Surveyor.

Paid for Labor, Gravel, Etc.

C M Perley	$ 46 30	
C E Howe	25 50	
O M Hills	18 88	
L H Perley	10 40	
E H Perley	3 66	
A S Howe	7 00	
S M Tenney	50	
		$112 24

DISTRICT NO. 15.

E. C. Lord, Surveyor.

Paid for Labor, Gravel, Etc.

E C Lord	$37 75
Walter Hicks	7 30
A S Brown	3 70
Moses Grimes	15 00
Edw Dole	8 80
J F Dupray	1 25
L G Parsons	3 70
Wesley Copp	12 20
L A Lord	12 20
John H Baker	11 40

John B Mitchell	$ 12 50	
Chas Jewett	13 50	
T F Cogswell	15 00	
S F Canney	2 50	
		$156 80

DISTRICT NO. 16.

Daniel S Appleton, Surveyor.

Paid for Labor, Gravel, Etc.

D S Appleton	$ 17 25	
James Dillon	10 20	
E Guilford,	9 30	
Thos Barney	12 00	
J E Bradstreet	23 75	
Carter Bros	5 00	
Chas Bailey	5 30	
P R Eames	15 00	
John Donovan	8 10	
J W Nourse	10 00	
Thos Donahue	3 60	
Rufus Dewar	7 00	
		$126 50

MISCELLANEOUS.

Paid

J Albert Smith, repairs	$ 6 15
American Ex Co, express	1 75
A P Littlefield, repairs	5 20
John S Glover, land damage	25 00
T F Cogswell, drain pipe, etc	144 06
A J Barton, curbing	466 24
Water Dept, supplies	17 94
Wm Lawson, repairs	90
G H W Hayes, legal advice	1 00
T B Fall, supplies	1 75
John W Goodhue, supplies	22 32
A P Hills Co., supplies	4 27

C H Rollins, concreting	$ 461 56	
Ames Plow Co, plow	8 50	
J W Davison, repairs	4 00	
John S Glover, cement	7 50	
A W Gordon, repairs	1 50	
T P Thomas, concreting	10 00	
Est M Nolan, repairs	3 40	
Boston Belting Co, supplies	50	
J A Smith, repairs	7 70	
J T Pope & Son, lumber	43 58	
Agawam Stable, use of team	6 00	
M J Judge, Gould Bridge	81 70	
W F Gould, Gould Bridge	78 00	
F T Goodhue, supplies	30	
Wm Marshall, repairs	17 00	
John Durand, snow plow and repairs	31 45	
W A Spiller, snow plow and repairs	31 00	
A D Mallard, express	25	
S F Canney, lumber	12 06	
H B Brown, concrete	18 60	
		$1581 18

SUMMER STREET.

Paid

C W Hayes, labor	$7 45	
L Parsons, labor	6 00	
S Parsons, labor	8 50	
C H Rollins, labor	12 70	
Robt Spencer, labor	3 80	
James Scott, labor	8 20	
John Dorr, labor	6 90	
P R Eames, labor	7 50	
Epps Norwood, labor	4 60	
		$65 65

ARGILLA ROAD

Paid		
E G Damon, labor	$ 16 89	
Jere Sullivan "	8 80	
M Laffy "	8 60	
S McGuinness "	7 60	
Fred Bray "	7 60	
Fred Carter "	20 50	
Wm Tarr "	17 00	
Asa Brown "	21 60	
Chas Rollins "	9 45	
A J Barton "	1 00	
		$119 04

TOWN TEAM.

Joseph A. Huckins, Driver.

Paid	
J W Goodhue, supplies	$10 20
E R Smith, medicine	1 00
G H Lord, labor	5 00
Geo B Brown, grain	156 03
J A Huckins, driver	600 00
C F Chapman, repairs, etc	16 31
J R Richards, repairs, etc	11 35
C F Norwood, labor	4 00
J E Norman, labor	8 50
John Durand, repairs	7 95
A H Plouff, repairs and supplies	5 70
C C Caldwell, coal	9 20
Agawam Stables, use of horse	11 95
J W Davison, repairs	2 45
J A Smith, repairs	1 45
Soar & Sheppard, painting	7 21
F T Goodhue, supplies	5 20
T E Condon, supplies	25
Est M Nolan, shoeing and repairing	27 30
E G Damon, labor	1 40

A Felton, labor	$ 1 50	
J W Brown, supplies	2 10	
P R Eames, supplies	1 05	
		$897 10

The bills for the Town Team include all bills paid for repairs to the stable. A. W. Conant, Surveyor of District No. 1, sends the following report to the Selectmen.

Total number of hours the team has been at work from Jan. 1, 1901 to Jan. 1, 1902 was 2670, or 267 days of 10 hours each. Number of loads of gravel used on the district was 795 Number of street scrapings carted off was 751.

HIGHWAY RECAPITULATION.

Receipts

Appropriation for repairs	$6500 00	
Appropriation for concrete	1000 00	
Received from D A Hodgkins	1 20	
Receved from Frank Russell	1 00	
Appropriation taxes 1902	450 00	
Received, Street Railway Tax	1653 96	
		$9606 16
Unexpended balance, 1901		2912 01
		$12518 17

Expenditures.

District No. 1	$837 87
" 2	838 73
" 3	154 30
" 4	195 90
" 5	153 20
" 6	93 75
" 7	161 40
" 8	98 70
" 9	196 90
" 10	355 15
" 11	122 90
" 12	123 30

District 13	$114 08	
" 14	112 24	
" 15	156 80	
" 16	126 50	
Town Team	897 10	
Argilla Road	119 04	
Summer street	65 65	
Miscellaneous	1581 18	
		$6504 69
Balance		$6013 48
Used for snow		1322 03
Unexpended balance Jan. 1, 1902		$4691 45

CURRENT EXPENSES.

TOWN HALL.

Paid

A S Garland, janitor	$450 00
A S Garland, care of tramps	100 00
A S Garland, paid for laundry	2 64
J W Goodhue, supplies	25 64
Ipswich Gas Co., gas	123 80
American Express co., express	30
E R Smith, supplies	5 75
P R Eames, coal	42 33
C C Caldwell, coal	49 81
T B Fall & Son, coal	52 15
J S Glover, coal	33 47
H F Tonge, labor	7 50
C Damon & Co, supplies	1 25
A H Plouff, repairs	3 45
Edwin Fewkes, plants	1 60
Jos Johnson, fire extinguishers	8 00

C S Tyler, repairs on clock	$ 1 00	
A C Damon, furniture	21 80	
Phillip Kimball, sods	1 80	
J H Lakeman, painting	5 90	
Jere Sullvan, labor	3 00	
T E Condon, supplies	95	
N Archer, labor	6 25	
Aaron Wells, whitewashing	9 00	
James Graffum, labor	7 60	
James Bond, laundry	1 00	
Benj Fewkes, plants	2 30	
D H Wells, labor	1 25	
F T Goodhue, supplies	2 65	
S F Canney, lumber	8 57	
J A Brown, lumber	5 87	
L E Willcomb, supplies	60	
W E Lord, supplies	3 43	
C W Brown, gas fitting	4 25	
		$994 91

TREE WARDEN.

Amount paid by order of H. L. Ordway, Tree Warden.

Paid

J Howard Lakeman, labor	$ 13 65	
Bowker Chemical Co, supplies	89 40	
J N Crowe, ladders	7 00	
John W Goodhue, supplies	8 21	
Henry L Ordway, labor	62 60	
George W Plouff, labor	22 00	
Edmund Ready, labor	57 00	
Jas B Scott, labor	65	
John Durand, labor	75	
D A Grady, team	1 00	
T A Howe, express	1 75	
Asa P Littlefield, labor	2 25	
A D Mallard, express	50	
		$266 76

PARKS.

Paid by order the of Park Commissioners.

F T Goodhue, supplies	$20 10	
Smith E Hayes, labor	57 85	
James A Morey, labor	22 25	
John W Goodhue, supplies	29 85	
Water Dept, supplies	1 50	
Chas Jewett, labor	7 00	
Foster Russell, labor	2 27	
W B Richards, loam	12 00	
Edw Fewkes, flower beds	56 00	
Chas Palmer, loam	1 00	
Thos C Tilton, labor	8 80	
Chas Rollins, labor	9 00	
A H Plouff, supplies	5 00	
Mark Newman, supplies	3 35	
Walter Sheppard, labor	1 50	
Benj Fewkes, flower beds	16 50	
		$253 97

CEMETERIES.

Paid by order of the Board of Superintendents.

A Staniford, painting	$25 34
P E Clarke, labor	83 85
Wm H Kirk, "	11 00
John L Russell, "	17 30
G A Pickard, "	78 00
James Scott, "	8 40
A J Barton, stone work	157 75
John W Goodhue, supplies	3 61
Dennis Minnehan, jr, labor	2 00
R K Frost, labor	2 00
Jere Sullivan, labor	61 15
John Patch, labor	39 80
Chas E Smith, labor	21 03
O M Hills, labor	25 60

John H Baker, labor	$57 80	
Chas Rollins, labor	72 25	
J B Kines, markers	30 00	
T C Thurlow, trees, shrubs, etc	89 55	
J Stackpole & Son, fertilizer	15 00	
W B Richards, fertilizer	3 45	
Luther A Lord, labor	53 00	
Luther Lord, labor and teaming	129 82	
James Kinnear, teaming	8 50	
S N Baker, clerk	25 00	
John S Glover, cement	1 50	
S F Canney, lumber	27 25	
Erastus Clark, labor	32 00	
		$1081 95

SOLDIERS' RELIEF.

Paid

Thomas L Jewett, allowance	$ 36 00	
Geo W Bowen, allowance	60 00	
Martha Clarke, allowance	48 00	
Wm B Richards, groceries	120 00	
Lewis E Willcomb, groceries	103 00	
M Albert Ready, rent	91 00	
City of Beverly, allowance Mrs Goodwin	48 00	
Philip E Clark, burial soldiers	70 00	
Frank L Lyon, shoes	1 50	
A H Peatfield, fuel	10 50	
Josiah A Perkins, allowance	55 00	
H F Fall, groceries	145 00	
Geo E Macarthur, medical attendance	23 00	
Wm E Tucker, " "	4 00	
C E Ames, " "	5 50	
		$820 50

BOARD OF HEALTH.

The following bills have been paid by order of the Board of Health.

Paid

Geo W Smith, stationery	$ 2 07	
Geo G Bailey, medical attendance	23 15	
Ned L Harris, teaming	3 60	
Geo W Plouff, labor	50	
James Griffing, labor	2 00	
N J Bolles, groceries	12 00	
D A Grady, teams	7 00	
Michael Callahan, teaming	1 00	
A S Garland, labor	1 00	
Wm E Tucker, medical attendance . . .	77 00	
Jesse Campbell, nursing	40 00	
Chronicle Pub Co., publishing notices . . .	17 00	
		$186 32

FOURTH OF JULY.

Paid

Newburyport Cadet Band, music	$141 00
Newburyport National Band, music . . .	107 20
Wm Sheppard, prize	5 00
Geo Player, "	3 00
John Peatfield, "	2 00
Clifford Burns, "	3 00
Clarence Dupray, prize	2 00
Robt Bodycott, "	2 50
Bert Goodhue, "	2 50
Eusebe Therriault, "	1 50
Everett Rutherford, "	1 50
Roy Brocklebank, "	5 00
Wayne Henderson, "	5 00
Ernest Bouchart "	1 50
John A Drapeau, "	1 50
Frank Starkey "	2 50
W G Brown, "	1 25

Charles Damon prize	$ 2 50	
Thos Atherley, "	1 25	
Fred Whittier, "	1 25	
Harry Garrett, prize	1 25	
Chronicle Publishing co., printing	8 75	
C F Chapman, prizes	2 25	
J R Richards, saddles for police	10 00	
C S Tyler, prizes	14 25	
W W Davis & Son, meals for band	35 70	
John F Wippich, prize	4 75	
Chas Hull, printing	1 00	
A J Barton, prize	5 00	
D W Kimball, prize	2 00	
K of C., Carrollton Council, prize	10 00	
Chairman school committee prize	10 00	
Ned L Harris, teaming	1 00	
Total amount paid by town		$398 90

In addition to the amount paid by the Town a committee of which J A Blake was chairman collected $229 50 which was expended as follows.

Paid

J W Goodhue, prizes	$ 7 73	
Jacobs W Co, fireworks	150 00	
Geo F Harding, caps	10 00	
W E Lord, supplies	44	
J L Russell, stamps	80	
F F Byron, flags	2 59	
Safford Bros, barge	5 00	
Erastus Clarke, horses	5 00	
J A Blake, express	2 00	
J A Blake, prizes	4 40	
Agawam Stables, team	5 00	
S F Canney, lumber	1 20	
A D Wells, labor	50	
J A Blake, supplies	2 65	
C H Potter, labor	50	
L F Brown, entertainment	25 00	
D F Weeks, labor	2 00	
		$224 81
Balance in hands of Chas E Goodhue		$4 69

PRINTING BILLS.

Paid

Chronicle Pub Co., Town reports	$ 147 00	
" " " Ballots for town clerk .	32 00	
Independent Pub Co., miscellaneous printing	9 00	
Chas G Hull, miscellaneous printing . . .	17 10	
P B Murphy, " " . . .	3 00	
Fred R Hull, " " . . .	5 00	
Chronicle Pub Co, Lists Poll Taxes . . .	20 00	
" " " Tax bills for Treasurer	8 00	
" " " Notices " "	7 25	
" " " miscellaneous printing	27 00	
" " " publishing Registrars and Assessors notices and printing . .	40 20	
Chronicle Pub Co, publishing notices for hearings, etc	20 25	
Chronicle Pub Co, publishing dog notice .	6 00	
		$341 80

WATER DEPARTMENT.

Paid

Water Commissioners, appropriation . . .	$4614 50	
		$4614 50

INCIDENTALS.

Paid

Chas G Hull, addressing envelopes	$3 00
Electric Light Committee, expenses . . .	5 65
Gen James Appleton Post G A R	150 00
Priest & Page, weights for sealer	14 15
T F Cogswell, insurance	12 00
Rochester German Ins co., insurance . . .	36 75
Chas S Tyler, police badges	2 50
Chas W Brown, supplies	2 00

Essex Co Clerk of Courts, legal papers . .	5 25
Chas E Goodhue, taking census	20 00
Chas E Goodhue, extra copy Assessors' book	25 00
Geo A Schofield, taking census	20 00
Danl S Appleton, " "	20 00
Hobbs Warren Co, supplies	11 88
Wm Reed & Son, police supplies	12 00
A H Plouff, labor on fountains	3 15
Jere Spiller, labor	5 00
John W Goodhue, supplies	5 51
Geo E Macarthur, attending prisoners . .	10 00
Michael Callahan, express	1 25
Foster Russell, labor	2 87
T E Condon, postage, etc	34 64
T E Condon, supplies	21 00
Agawam Stables, teams	11 00
F L Swan & Co, electric light investigation	95 00
Barry Printing Co, legal papers	4 75
John W Patterson, fees for witnesses Garrette case	33 26
John F Wippich, care town clock	21 50
D A Grady, teams selectmen	4 50
D A Grady, teams for police	11 00
Agawam Stables, teams for police	16 00
Carter Ink Co, ink	2 20
C F Chapman, music	16 45
T D Crowley, court fees	22 25
Carter, Rice & Co, supplies	2 20
T F McCann, memorial tablet	100 00
Jere Sullivan, labor	11 40
Tilson & Livermore, supplies	3 12
John E Dodge, painting signs	4 30
C S Tyler, supplies	6 30
John W Nourse, plans, services, etc . . .	49 40
W A Spiller, sign boards	2 00
N L Harris, express	35
W S Russell, supplies for decorations, etc .	24 26
J C Stone, books	1 00

Thomas R Roberts, care of buoys	$ 20 00
E G Damon, labor	1 00
Fairbanks Co, weigh books	6 00
Epps Norwood, labor	2 20
Ipswich Post Office, stamps	23 20
A Storrs Bement Co, covers	5 00
B & M R R Co, mileage book	10 00
H A Brooks, binding reports	28 85
John A Brown, lumber	4 50
G H W Hayes, counsel Kenny case and Glover case	100 00
A P White, counsel Kenny case and Glover case	150 00
A P White, expense for legal papers . . .	14 00
G H W Hayes, expense for legal papers . .	14 50
C A Sayward, counsel John C Low case .	40 00
Walter Sheppard, ringing bell	49 60
P E Clarke, returning deaths	19 75
L E Willcomb, weighing	8 70
H S Hills, "	2 60
A S Garland, meals for prisoners	34 50
A M Bridgman, legislative bulletin	2 00
C W Bamford, postage	5 65
Geo A Schofield, expenses and car fare . .	32 32
Paid for telephones	4 35
G McGilfrey, delivering Town Reports . .	3 00
John W Plouff, " " " . .	3 00
Harry Bowen, " " " . .	3 00
Edw H Smith, " " " . .	3 00
John H Baker, labor	1 00
S H Thurston, supplies	90
C O Olson, meals for election officers . . .	38 45
Jackson Ex Co, express	15 15
S F Canney, lumber	1 86
M R Warren, license blanks, etc	4 60
Geo F King & Co, supplies	15 75
American Ex Co, express	2 61

W W Davis & Son, meals	$ 2 70	
The Mitchie Co, Town law books	10 00	
Luther Wait, services on Garrette case . .	2 00	
N M Jewett, labor	1 00	
Thorpe & Martin, supplies	2 00	
Peter Rhodes, labor	5 70	
Walter Ewing, labor	2 50	
Warren Boynton, team	1 00	
Geo Haskell, labor	4 00	
Carter Bros, teaming stone to dump . . .	11 25	
P R Eames, " " " . . .	203 63	
G H W Hayes, stone	1 50	
C H Rollins, building wall	124 80	
		$1908 96

DR. SUMMARY. CR.

To appropriation		By bills paid	
Current expenses	$3000 00	Town House	$994 91
Memorial Day	150 00	Tree warden	266 76
Sinking fund, water	2363 50	Independence Day	398 90
Hydrant service	1651 00	Sinking fund	2363 50
Cemeteries	1000 00	Hydrant service	1651 00
Parks	250 00	Parks	253 97
Purifying water supply	500 00	Printing	341 80
Drinking fountains	100 00	Cemeteries	1081 95
Tree warden	400 00	Board of Health	186 32
Repair of records	50 00	Soldiers' relief	820 50
Historical society	400 00	Incidentals	1908 96
Independence day	400 00	Drinking fountains	100 00
		Purifying water supply	500 00
	$10264 50		
Amt transferred from receipts	604 07		
	$10868 57		$10868 57

POLICE REPORT.

FOR THE YEAR ENDING, DEC. 31, 1901.

To the Honorable Board of Selectmen:

I submit the following report:—

Whole number arrests made during year	180
Assault and Battery	20
Assault, Dangerous Weapon	2
Breaking and Entering	8
Bastardy	1
Drunkenness	87
Disturbing Peace	11
Illegal Shell Fishing	7
Junk Dealers	1
Larceny	19
Larceny from Buildings	2
Malicious Mischief	3
Non Support	2
Obstructing Sidewalk	1
Trespass	5
Threatening	1
Using unsealed measures	1
Vagrancy	9
Total	180

Disposition of Cases:

Committed to House of Correction	63
" " Salem Jail	6
" " State Board Charity	1
Discharged	5
Fines Paid	57
Furnished Bonds	7
Defaulted	19
Placed on File	22
Total	180

Amount of property reported lost	$297 50
Amount property recovered	234 00

MISCELLANEOUS.

Number committed to Danvers Insane Asylum	6
" " " Care of Parents	3
" Dogs killed	2
" Lost persons restored	2
" Sick and injured persons assisted	11
" Buildings found open and secured	16
" Lights found burning and extinguished	13
" Windows found open and secured	7
" Cases investigated where no arrests were made	67
" Stray teams put up	3
" Disturbances surpressed	23
" Defective sidewalks reported	2
" Escaped patients from Insane Asylum returned	2

Repectfully submitted,

Frank C. Hull, Chief of Police.

Ipswich, Jan. 1, 1902.

TRAMP REPORT.

For the year ending Dec. 31, 1901.

Whole number cared for at the Police Station 681

Following is the report by months;

January	76
February	111
March	105
April	89
May	52
June	17
July	13
August	20
September	19
October	38
November	77
December	64
Total	681

Respectfully submitted,

Frank C. Hull, Chief of Police.

Ipswich, Jan. 1st, 1902.

LIST OF JURORS.

List of Jurors prepared by the Selectmen, to be submitted to the voters at the Annual Town Meeting, March 3, 1902.

Name	Street	Occupation
Appleton, Daniel S	High	Farmer
Atkinson, Wesley B	Turkey shore rd	Fish dealer
Abel, Clark O	So. Main	Machinist
Brown, A. Story	Candlewood rd	Farmer
Bamford, Chester W	Washington	Insurance agent
Barker, George	Central	Retired
Boynton, Warren	So. Main	Retired
Brown, Chas. G	Essex rd	Farmer
Brown, Edward F	High	Druggist
Brown, E. Newton	Candlewood rd	Farmer
Burnham, Nathaniel	High.	Merchant
Chapman, Clifford F	Washington	Harness Maker
Chapman, Edward I	Linebrook rd	Farmer
Clark, Wm. A	High	Laborer
Choate, Edward W	East	Carpenter
Conant, Arthur W	East	Surveyor
Cross, Fred G	Candlewood rd	Farmer
Cummings, Charles S	Brown	Insurance Agt
Dodge, John E	Prospect	Carriage Painter
Dole, Edward	High	Farmer
Fall, John M	Lakeman rd	Farmer
Fellows, Moses	East	Retired
Glover, John S	East	Merchant
Glover, James S	East	Retired
Goodhue, Frank T	So Main	Merchant
Gould, Walter F	Boardman	Farmer
Gove, Robt. L	Green	Fisherman
Green, George H	Turkey Shore rd	Retired
Griffing, James	Washington	Retired
Grimes, Moses H	High	"
Gould, Wm. P	High	Janitor
Glasier, Charles H	Summer	Carpenter

Name	Street	Occupation
Hodgkins, Daniel A	County	Carpenter
Horton, Benj. R	Candlewood rd	Farmer
Haskell, George	Manning	Undertaker
Hill, Orrie M	Linebrook rd	Farmer
Hills, Albert P	Manning	Merchant
Hallam, William	Estes	"
Kinsman, J. Farley	Beach rd	Farmer
Lord, George H	Summer	Carpenter
Lord, Aaron	High	Retired
Lord, George A	High	"
Lord, George E	High	Farmer
Lord, Austin L	High	Mason
Lord, Walter E	High	Merchant
Lord, Frank H	Mineral	Clerk
Mansfield, John W	Candlewood rd	Artist
Noyes, Charles H	East	Janitor
Norman, John E	Turkey Shore rd	Carpenter
Perkins, Isaac E. B.	Green	Merchant
Perley, Charles M	Linebrook rd	Farmer
Plouff, Augustine H	Turkey Shore rd	Merchant
Poole, Edwin M	Green	Engineer
Rand, William H	Manning	Tinsmith
Reilly, William P	County	Clerk
Rogers, Charles W	Saltonstall	Crossing Tender
Ross, Frank A	Washington	Mason
Spencer, George	Highland Avenue	Mason
Stone, Daniel W	Hovey	Laborer
Stone, William A	Mineral	Clerk
Tyler, Charles S	Central	Merchant
Tozer, George W	Maple Avenue	Merchant
Underhill, N Rawson	Linebrook Road	Farmer
Walton, Arthur H	Maple Avenue	Painter

Geo. A. Schofield,
Charles E. Goodhue,
Charles G. Hull,
} Selectmen of Ipswich.

Ipswich, Feb. 18, 1901.

STATEMENT OF TOWN PROPERTY.

REAL ESTATE.

Town Farm, land and buildings.
Town House, lot and furnishings.
Cemeteries.
5 Engine Houses and land.
10 School Houses and land.
Woodland at Linebrook.
Woodland at Common Fields.
Turkey Shore Pasture.
Thatch Bank [Great Flats]
Thatch Bank [Third Creek]
2 Gravel pits, Washington street.
Gravel Pit, near J. C. Carlisle's
Pound.

All sand and clam flats, and all other property granted to the inhabitants of Ipswich by the Commoners in 1787, which has not since been sold.

PERSONAL PROPERTY.

Furniture and other property at the Farm.
Fire Engines and Apparatus.
Fire Alarm System.
Hearse.
Furniture at Town House.
Hay Scales (2)
Safe for Treasurer and Clerk.
Town Horses, Cart, Harness, etc.
Road Machine and other Highway Dept. property.
Town Clock.

STATE AND MILITARY AID.

COMMONWEALTH.

DR.

To amt due for state aid, Jan. 1, 1901, . .	$3204 00	
To amt due for military aid, Jan. 1, 1901 .	110 00	
To amt pd for state aid, Jan. 1, 1902 . . .	3317 00	
To amt pd far military aid, Jan. 1, 1902 .	45 00	
		$6676 00

CR.

By cash received for state aid	$3196 00	
By cash received for military aid	110 00	
By amt due for state aid	3317 00	
By amt due for military aid	45 00	
Disallowed state aid	8 00	
		$6676 00

DEBT STATEMENT.

Town of Ipswich.

DR.

To notes payable	$22565 00	
To orders drawn and not paid	893 22	
		$23458 22

CR.

By cash in Treasurer's hands	$5294 41	
Bill dues Farm in Treasurer's hands 1901	300 25	
Old bills due Farm in " " . .	278 91	
Uncollected taxes	2185 45	
Amount due the town from state aid .	3317 00	
" " the town for military aid	45 00	
" " the town for burial of Soldiers	70 00	
" " for concrete work	105 10	
" " on Poor account 1901 . .	377 80	
" " " " old bills . .	136 46	
" " corporation tax, 1901 . .	1507 00	
" " for schooling	201 00	
		$13818 38
Total town debt exclusive of Water Bonds		$9639 84

The Town Debt as compared with last year is as follows:

Total debt Jan. 1, 1901	$14818 99	
Total debt Jan. 1, 1902	9639 84	
Total reduction in town debt		$5179 15

The financial condition of the Treasury Jan. 1, 1902, was as follows:

Cash on hand Jan. 1, 1902	$5294 41	
Bills due town, exclusive of State and Military aid	5161 97	
		$10456 38
Less undrawn orders		893 22
Balance in favor of town . . .		$9563 16

In addition to the balance of $9563.16, the selectmen have paid to the State $1036.00, which was the town's share of the expense of the abolition of the grade crossing near the Appleton Farms. Under the law, the Town could pay this amount in yearly instalments for five years, but it would also be obliged to pay the State interest each year, and as our balance on the right side of the ledger was so large this year, we have paid the whole bill and stopped the interest. Had we retained it, our balance would have been $10392.16 instead of $9563.16.

In the highway department there is quite a large balance. In addition to what the Town appropriates, the receipts from the Street Railway tax are credited to this department, and have helped to make the balance so large. A comparison of the amounts expended for highway repairs in former years, will show that the district surveyors have received and expended fully as large an amount as in former years, and that the balance has not been obtained by depriving them of fair, and even liberal appropriations.

In our last report, we called attention to the establishing of a dump along the front of Water street, and the building of a retaining wall, to the end that the dump, as it becomes filled up, may be used for the purpose of making a much needed widening of Water street. As no opposition to the plan was made at the annual meeting, our report being accepted without criticism, we

have continued the work this year, and an inspection of the same will show that it is nearly completed, and in addition to furnishing a convenient dumping place, a work has been done for about $500, in the two years, which would sooner or later have cost the Town a great many times that amount under any other plan.

Our fire department is in excellent condition, and we are better prepared to fight fire today than we have ever before been in the history of the Town.

The case of Kenney vs. The Town, for damages on account of a bicycle accident, is still in the courts, and we are hopeful of being given a new trial, with increased prospects for a more favorable decision for the Town than in the original trial. The Garrette case came before the courts this year, but owing to an indiscretion on the part of one of the witnesses for Mr. Garrette, was not tried. The suit brought by John C. Low against the Town a number of years ago, which has been in the courts since, has been closed without a trial, and Mr. Sayward, who was counsel for the Town, informs us that it will not be heard from again.

We will suggest that in regard to appropriations for the various departments, that it would seem that it will neither be necessary or advisable to increase them, and we agree with the Assessors that if the Town accepts that view of it, that it is not only possible, but highly probable, that Ipswich can have a $10. tax rate next year, and at the same time furnish money enough for running the town on a very liberal and broad basis.

During the past year, death has removed from the ranks of our town officials one who had proven himself an upright, and honest man; a sterling citizen and a treasurer and collector who stood at the head of the list for efficiency, trustworthyness and careful and painstaking work for the welfare of the Town. Thomas E. Condon was a model town officer and as a public official; as man, and as a true and tried friend, his memory will be long revered by the people of Ipswich whom he served so well.

In conclusion, we call attention to the excellent showing made by the Town this year. It is safe to say that seldom, if ever,

has it been equalled. The result has been brought about by the earnest endeaver of the various town officials, to give care and attention to the work in the various departments, and to the fact that the great body of the people have stood behind the officials, and have given them encouragement and support. We make no claim for praise, neither do we desire unfair criticism. We accepted the position to which you elected us, and to the best of our ability have sought to perform the duties in a satisfactory manner. We submit the record of our work for your inspection, trusting that it will deserve, and meet your approval.

Geo. A. Schofield,
Charles E. Goodhue,
Charles G. Hull,
} Selectmen of Ipswich.

Ipswich, Jan. 1, 1902.

This is to certify that I have examined the books of the Selectmen, Assessors and Overseers of the Poor, and find them correct, with proper vouchers for all bills paid.

HENRY F. DUNNELS, Auditor.

THOS. E. CONDON, Treasurer and Collector, in Account with the Town of Ipswich, for the Year Ending, Dec. 7. 1901.

DR.

To cash on hand Jan. 25, 1901	$4222 07
" taxes of 1900	511 07
" Commonwealth support of State paupers . .	71 45
" " temporary support of State . paupers	55 00
" Commonwealth expense of contagious diseases	15 00
" " corporation tax 1900	6 61
" " national bank tax 1900 . . .	10 05
" " street railway tax 1900 . .	257 43
" " education of child	13 50
" County of Essex, dog licenses, refunded . . .	363 79
" G R & I St R R Co, excise tax	44 96
" Boston & Northern St R R Co, excise tax .	755 71
" County of Essex, Seals (reimbursed) . . .	81 00
" rec'd sales from Town Farm, 1900	232 16
" " " " " " 1901	1,329 01
" " from cities and towns, poor account . .	293 61
" " " Frank Magee on " " . .	5 00
" " " rent of Town Hall	309 50
" " " sale of cemetery lots	392 00
" " " Town scales (L. E. Willcomb) . .	18 34
" " " " " (H. S. Hills)	120 08
" " " Liquor licenses	5,402 00
" " " other licenses, billiards, pool, etc	72 00
" " " criminal fines	12 52
" " " schooling	266 37
" " " P. E. Clarke, use of Town hearse	30 00
" " " Chas. G. Rice, sale of Willowdale schoolhouse and lot	600 00
" " " A. S. Garland, lockup fees . . .	1 00

THOS. E. CONDON, Treasurer and Collector, in Account

DR.

To cash rec'd from G. A. Schofield, license adv . . .	$ 4 00
" " " Frank A Russell, dirt from street	1 00
" " " George E Hodgkins, " " "	1 20
" " " Henry L Ordway, work on trees	3 75
" " " Geo. A Schofield, advertising St Ry location	7 50
" " " John F Dupray, rent of cemetery pasture for year 1901	12 00
" " " sealing scales	38 23
" " " Notes issued in anticipation of 1901 taxes	17,500 00
" " " int. on taxes	28 53
" tax list of 1901, state tax	2,961 74
" " " " " county tax	2,756 38
" " " " " town tax	37,060 04
" undrawn orders	3,085 70
	$78,951 30

WITH THE TOWN OF IPSWICH, FOR THE YEAR ENDING, DEC. 7, 1901.

CR.

By cash on Selectmen's orders for 1901	$561 12
" paid Commonwealth on acct of liquor licenses	1,350 50
" paid County tax	2,756 38
" paid for killing seals	81 00
" paid officers by order of the Court	40 42
" paid Trus. Manning school on acct schooling	148 80
" paid principle on notes hired in anticipation of 1901 taxes	17,500 00
" " principal on Note Beach road	300 00
" " " " " School house	100 00
" " " " " Bridge	500 00
" " " " " Brown street	250 00
" " interest on Notes	1,043 99
" " on state aid	3,026 50
" " on military aid	82 00
" " gross amt selectmen's orders, 1901 . . .	45,014 49
" " discount on taxes	616 29
" " abatements for 1901	256 52
" " " " 1900	69 40
" " uncollected taxes of 1901	4,158 90
" " balance on hand at close of year	1,094 99
	$78,951 30

This is to certify that I have examined the books and accounts of the late Treasurer from Jan. 1, 1901 to Dec. 7, 1901, and find them to be correct, and find that the above balance sheet is a correct statement of the total amount of money received, disbursed and on hand. I also find proper vouchers and receipts for all payments made by the Treasurer.

Henry F. Dunnels, Auditor.

Ipswich, Dec. 21, 1901.

CHAS. W. BAMFORD, Treasurer and Collector, in Account

DR.

Dec. 14, 1901, To cash on hand (rec'd from T. E. Condon)	$ 1094 99
Commonwealth, corporation tax	6267 73
National Bank tax	553 55
Military aid	110 00
State aid	3196 00
Burial of indigent soldiers and sailors	175 00
Street Railway tax	853 29
Support of State paupers	353 22
James H Proctor, sale of gravel pit	100 00
Received from sales from Town Farm	518 34
" " cities and towns, poor account	1547 32
" " sale of Cemetery lots	52 00
" " rent of Town Hall	35 00
" " Howard S Hills, town scales	30 27
" " Lewis E Willcomb, " "	22 15
" on account of criminal fines	88 15
" from Peddler's licenses	10 00
Geo. A. Schofield use of milage book	3 00
County of Essex, Seals	3 00
Note issued in anticipation of taxes, 1902	675 00
Interest on taxes	12 32
Balance of tax list 1901	4,158 90
Undrawn orders	893 22
	$20,752 45

WITH THE TOWN OF IPSWICH, BALANCE YEAR ENDING, DEC. 31, 1901

CR.

Dec. 25, 1901 By cash balance of orders from T. E. Condon's account	$3085 70
State tax	1,925 00
National Bank tax	408 11
Abolition Grade Crossings Loan fund	978 57
Interest on Grade Crossings Loan fund	58 17
Paid for killing seals	3 00
Paid officers by order of the Courts	4 51
Paid Rowley road note	500 00
Paid Winthrop school notes	1000 00
Paid interest on notes	61 78
Abatements on taxes for 1901	165 44
State aid paid	290 50
Military aid paid	6 00
Selectmen's orders for month of December	4,825 41
Uncollected taxes of 1901	2,145 85
Cash on hand Dec. 25	5,294 41
	$20,752 45

This is to certify that I have examined the books and accounts of the Treasurer from Dec. 14, 1901 to Jan. 1, 1902, and find them to be correct, and find that the above balance sheet is a correct statement of the total amount of money received, disbursed and on hand. I also find proper vouchers and receipts for all payments made by the Treasurer.

Henry F. Dunnels, Auditor.

Ipswich, Jan. 1, 1902.

FUNDS LEFT IN TRUST WITH THE TOWN FOR CARE OF BURIAL LOTS.

In account with Chas. W. Bamford, Treasurer.

COGSWELL FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$279 48
To int to Jan. 1902	11 26
	$290 74

CR.

By cash paid W H Kirk for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	288 74
	$290 74

ANDREWS FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$197 74
To int to Jan. 1902	7 96
	$205 70

CR.

By cash paid Luther Lord, for care of lot	2 00
By cash paid W. H. Kirk for care of lot	2 00
By amt in Ips saving bank, Jan. 1902	201 70
	$205 70

GIDDINGS FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 119 24
To int to Jan 1902	4 80
	$ 124 04

CR.

By cash paid W H Kirk for care of lot	$ 2 50
By amt in Ipswich savings bank Jan 1902	121 54
	$ 124 04

POTTER FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 111 82
To int to Jan 1902	4 50
	$ 116 32

CR.

By cash paid W H Kirk for care of lot	$ 2 00
" " " Philip E Clarke " " "	11 00
" amt in Ips savings bank Jan 1902	103 32
	$ 116 32

WILLIAM KINSMAN FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 55 76
To int to Jan 1902	1 10
	$ 56 86

CR.

By cash paid W. H. Kirk for care of lot	1 00
By amt in Ips savings bank, Jan 1902	55 86
	$56 86

SAMUEL BLOOD FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$52 58
To int to Jan. 1902	2 10
	$54 68

CR.

By cash paid W. H. Kirk for care of lot	$1 00
By amt in Ips savings bank Jan. 1902	53 68
	$54 68

STANIFORD FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$81 68
To int to Jan. 1902	3 28
	$84 96

CR.

By cash paid W. H. Kirk for care of lot	1 00
By amt in Ips savings bank Jan. 1902.	83 96
	$84 96

TROW FUND.

DR.

To amt in Ips savings bank Jan. 1901	$335 52
To int to Jan. 1902	13 54
	$349 06

CR.

By cash paid W. H. Kirk for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	347 06
	$349 06

DAWSON FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$109 38
To int to Jan. 1902	4 40
	$113 78

CR.

By cash paid Luther Lord for care of lot	$2 00
By amt in Ips savings bank Jan. 1902	111 75
	$113 78

BIRCH FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$50 56
To int to Jan. 1902	2 02
	$52 58

CR.

By cash paid Luther Lord for care of lot	2 00
By amt in Ips savings bank Jan. 1902.	50 58
	$52 58

AARON KINSMAN FUND.

DR.

To amt in Ips savings bank Jan. 1901	$50 44
To int to Jan. 1902	2 02
	$52 46

CR.

By cash paid Luther Lord for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	50 46
	$52 46

VARRELL FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$220 65
To int to Jan. 1902	8 90
	$229 56

CR.

By cash paid LutherLord for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	227 56
	$229 56

EBEN KIMBALL FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$123 85
To int to Jan. 1902	4 98
	$128 83

CR.

By cash paid Luther Lord, for care of lot	2 00
By amt in Ips saving bank, Jan. 1902	126 83
	$128 83

WILLCOMB FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$61 80
To int. to Jan. 1902	2 48
	$64 28

CR.

By cash paid Luther Lord for care of lot	$2 00
By amt in Ips savings bank, Jan. 1902	62 28
	$64 28

CLARKE FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 104 66
To int to Jan 1902	4 20
	$ 108 86

CR.

By cash paid Luther Lord for care of lot	$ 2 00
By amt in Ipswich savings bank Jan 1902	106 86
	$ 108 86

ROGERS AND JOHNSON FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 101 54
To int to Jan 1902	4 08
	$ 105 62

CR.

By cash paid Luther Lord for care of lot	$ 3 00
" amt in Ips savings bank Jan 1902	102 62
	$ 105 62

HANNAH L. KIMBALL FUND.

DR.

To amt in Ips savings bank Jan 1901	$110 82
To int to Jan 1902	4 46
	$115 28

CR.

By cash paid Luther Lord for care of lot	2 00
By amt in Ips savings bank, Jan 1902	113 28
	$115 28

GEORGE KINSMAN FUND.

DR.

To amt in Ips savings bank, Apr 23, 1901	$100 00
To int to Jan. 1902	3 02
	$103 02

CR.

By cash paid Luther Lord for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	101 02
	$103 02

MARTHA LAKEMAN FUND.

DR.

To amt in Ips savings bank Jan 1901	$58 14
To int to Jan 1902	2 34
	$60 48

CR.

By cash paid Luther Lord for care of lot	1 50
By amt in Ips savings bank, Jan 1902	58 98
	$60 48

CALDWELL FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 100 00
To int to Jan 1902	4 04
	$ 104 04

CR.

By cash paid Luther Lord for care of lot	$ 3 50
" amt in Ips savings bank Jan 1902	100 54
	$ 104 04

PINGREE FUND.

DR.

To amt in Ips savings bank Jan 1901	$ 76 50
To int to Jan 1902	2 99
	$ 79 49

CR.

By cash paid Luther Lord for care of lot	$ 3 50
By amt in Ipswich savings bank Jan 1902	75 99
	$79 49

YOUNG FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$25 50
To int to Jan. 1902	98
	$26 48

CR.

By cash paid Luther Lord for care of lot	1 00
By amt in Ips savings bank, Jan. 1902	25 48
	$26 48

COBURN FUND.

DR.

To amt in Ips. savings bank, Jan. 1901	$204 00
To int to Jan. 1902	8 24
	$212 24

CR.

By cash paid W H Kirk for care of lot	2 00
By amt in Ips savings bank, Jan. 1902	210 24
	$212 24

MARY HASKELL FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$50 00
To int. to Jan. 1902	2 02
	$52 02

CR.

By cash paid Luther Lord for care of lot	$1 25
By amt in Ips savings bank, Jan. 1902	50 77
	$52 02

HOVEY FUND.

DR.

To amt in Ips savings, Oct. 16, 1901	$100 00
To int to Jan. 1902	1 00
	$101 00

PLOUFF FUND.

DR.

To amt in Ips saviugs bank, Oct. 12, 1901	$50 00
To int to Jan. 1902	50
	50 50

FARLEY FUND.

DR.

To amt in Ips savings bank, June 22, 1901	$100 00
To int to Jan. 1902	2 00
	$102 00

JOHN B. LAMSON FUND.

DR.

To amt in Ips savings bank, Jan. 1902	50 00

LOCUST GROVE CEMETERY FUND.

DR.

To amt in Ips savings bank, Jan. 1901	$425 29
To int to Jan. 1902	15 86
	$441 15

CR.

By cash paid Luther Lord for labor in cemetery . .	$31 02
" " Luther A. Lord for labor in cemetery .	7 20
" " Greenleaf A. Pickard	21 30
To amt in Ips savings bank, Jan. 1902	381 63
	$441 15

TOWN OF IPSWICH

EIGHTH ANNUAL REPORT

— OF THE —

WATER COMMISSIONERS

FOR THE YEAR 1901.

Ipswich, Mass.:
The Chronicle Motor Print.
1902.

OFFICERS OF THE WATER DEPARTMENT.

COMMISSIONERS.

Walter E. Lord, Chairman.	Term expires 1902
Augustine H. Plouff.	" " 1903
William H. Rand.	" " 1904

CLERK.

Charles M. Kelly, Office First National Bank

ENGINEER.

Prince A. Allen.

Office of Water Board, Room 4, Town House

Meetings: every Monday, at 7 P. M.

REPORT OF WATER COMMISSIONERS.

To the Citizens of Ipswich:

The Ipswich Water Board respectfully submit their eighth annual report covering the operations of the department for the year ending Dec 31st, 1901, together with the report of Trustees and Engineer for the same period to which reference may be made for the details.

The Town is to be congratulated upon the success of its water plant as can be seen by each successive year the report of the gradual increase of its receipts, the gross income from water rates the past year being $7,917.96, an increase over last year of $57.90, this in view that a considerable number of tenements being vacant as per engineer's report, the number of faucets sealed being 77.

FILTRATION.

Experimental filters were constructed and operated under the direction of the State Board of Health, but the condition of the water the past year was so much better than former years the State Board of Health wish to continue the same the coming year.

What little unpleasant taste there was the past season was completely removed by the experimental filters, as you can see by State Board of Health tests which appear in this report.

FINANCIAL.

The Board of Commissioners estimate receipts for 1902 to be $8000; the disbursements $11,826.22, as follows; Sinking Fund, $2,446.22; Maintenance, $3,000; Services, $500; Interest on Bonds, $5,880.

They recommend appropriations to be levied by taxation as follows; 127 hydrants at $13.00 per hydrant for fire service amounting to $1,651 and $2,446.22 for sinking fund, these together with the income from water sales will enable them to meet the ordinary expenses for the year 1902.

Walter E. Lord,
A. H. Plouff,
W. H. Rand.
} Commissioners.

ENGINEER'S REPORT.

To the Board of Water Commissioners:

Gentlemen:—I herewith present my report for the year ending December 31, 1901.

MAIN PIPES.

During the year there were no extensions of the mains. The number of feet of mains laid to date and the sizes are as follows:

Sizes	Feet
14 inch	1,505
12 inch	10,963
10 inch	8,830
8 inch	17,897
6 inch	39,242

Total 78,447 lineal feet or +- 14 miles and 4,527 lineal feet.

There has been three leaks in main pipes during the year, which were all in joints.

STREET GATES.

The total number now set is 135.

HYDRANTS.

They are all in good working order, the total number now set is as follows:

Town	127
Private	10
Total	137

SERVICE PIPES.

There has been eight leaks in service pipes during the year: five from bad soldered joints, one from a poor place in the lead pipe, and two from defective fittings, twenty-five services have been added this year. Total number of services connected with works to date 672. Number discontinued 5.

Number of families using water on Jan. 1, 1902	704
Number faucets sealed . . . . . Jan. 1, 1902	77

There are 10 services on which the water is shut off at the sidewalk. These do not include services supplying sillcock only, or those of summer residences where the water is shut off at the sidewalk for the winter.

Following is an account of the number of services added, also the number of feet of service pipes laid (by years) since the works were put in.

Year	Number of Ser'v added	Town		Private		Total	
		Ft.	In.	Ft.	In.	Ft.	In.
1894	181	4,470	4	2,771	2	7,241	6
1895	218	5,312	3	6,051	5	11,363	8
1896	110	2,391	9	2,616	5	5,008	2
1897	32	896	6	1,991	6	2,888	0
1898	42	1,112	7	1,318	3	2,430	10
1899	34	842	1	1,335	10	1,177	11
1900	30	641	2	2,741	4	3,382	6
1901	25	517	4	1,209	5	1,726	9
8	672	16,184	0	20,035	4	36,219	4

Total 36,219 lineal feet 4 inch–|–6 miles 4,539 lineal feet 4 inch. The kinds of pipes used are cast iron, lead, and galvanized iron, the sizes from 3-4 in. to 3 in.

METERS.

Ten meters have been added this year, the total number now in use is as follows :

NAME.		SIZES		Total
		1 inch	5-8 inch	
Crown piston		1	55	56
Empire piston			38	38
Hersey disc		1	32	33
Nash disc			4	4
Lambert disc			1	1
Niagara disc			11	11
Trident disc			2	2
Union rotary			1	1
Columbia turbine			1	1
Elevator indicator		1		1
Total,	10	3	145	148

The buildings at the pumping station are in good condition. The pumping-engines, condenser, feed-pump and boilers are in good condition. The boilers have been inspected quarterly by the Mutual Steam Boiler Inspection and Insurance Company.

SYNOPSIS OF THE PUMPING RECORDS.

For the Year Ending December 31, 1901.

1901	Total pumping time per month.		Total amt. of coal used per month.	Average amt. of coal used per day.	Total number of gallons water pumped per month.	Aver. no. gals. water pumped per day.	Gals. water pumped to lb coal used while pumping only.
MONTH	HRS.	MIN.	LBS.	LBS.	GALS.	GALS.	GALS.
January	42	30	22,056	.711	3,126,655	100,859	.312
February	31	31	18,096	.646	2,253,650	80,487	.297
March	42	45	23,108	.745	3,185,980	102,773	.315
April	52	50	21,843	.728	3,967,040	132,233	.343
May	37	15	18,188	.586	2,734,095	88,196	.317
June	47		21,087	.702	3,398,036	113,267	.276
July	60	25	25,342	.817	4,579,925	147,739	.277
August	45		20,162	.647	3,298,292	106,106	.300
September	46	15	21,680	.722	3,395,688	113,189	.298
October	38	45	19,504	.629	3,056,076	98,583	.333
November	32		17,767	.592	2,297,358	76,578	.311
December	33	8	16,292	.525	2,445,241	78,878	.306
Total for year	509	24	245125		37,729,036		
Daily av. for yr.				.671		103,367	

Amount of coal consumed during the year 109 tons and 965-2240 lbs. Amount of wood consumed during the year 1-4 cord.

STORAGE BASIN.

The water in the storage basin did not fall below the high water mark until June 26. From that time it fell gradually until the 4th of September, when it reached the lowest point, which was 2 feet 7 inches below high water line. From that time the basin began to fill very slowly until the heavy rains of December 14th and 15th which filled the basin and the water began to go over the overflow. Respectfully submitted,

Prince A. Allen, Engineer.

January 18, 1902.

I. LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR ENDING DECEMBER 31, 1901.

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
1	N J Bolles	gasoline	$ 57	services
2	A S Garland	washing towels	15	maint'na'ce
3	David A Grady	teams	3 00	"
4	Theo F Cogswell	C's preservative	4 76	"
5	John M Dunnels	fittings	1 78	services
6	Prince A Allen	services to Jan 12	33 00	maint'na'ce
	" "	expenses	3 10	"
7	Agawam Stables	teaming etc	9 50	"
8	A W Chesterton & co	ring packing & flax	18 68	"
9	Ebin R Smith	envelopes	1 58	"
10	Prince A Allen	services to Jan 19	16 50	"
	" "	expenses	40	"
11	Boston Stm Spec co	Diebold safe	60 00	"
12	B & M R R	freight on safe	3 00	"
13	Jenkins Bros	pump valves	6 42	"
14	Knowles S P Wks	supplies	11 42	"
15	Seibert Cyl O. C. co	labor	2 00	"
16	Prince A Allen	services to Jan 26	16 50	"
	" "	expenses	60	"
17	Thomas Scahill	labor on wires	70	"
18	Francis Doane & co	record book	6 50	"
19	American Ex co	express	66	"
	" "	"	15	services
20	Prince A Allen	services to Feb 2	16 50	maint'na'ce
	" "	expenses	90	"
21	La France F E co	grates studs & nuts	7 25	"
22	C W Brown	supplies	2 40	"
23	John Plouff	labor	1 50	rep'rs,serv's
24	Prince A Allen	services to Feb 16	33 00	maint'na'ce
	" "	expenses	60	"
25	Chronicle Pub co	annual reports	78 35	"
26	Prince A Allen	services to Feb 23	16 50	"
	" "	expenses	50	"
27	Freeman C Coffin	services	55 18	"
28	Hersey Manfg co	repairs on meter	3 04	repr's,serv's
29	Jackson Express co	express	30	"
	" "	"	90	maint'na'ce
30	Prince A Allen	services to Mar 9	33 00	"

NO	PAID TO	FOR WHAT	AMT.	ACCOUNT APPLIED TO
	" "	expenses	$ 1 10	maint'na'ce
31	Boston Stm Spec Co	fittings	11 43	services
32	Prince A Allen	services to Mar 16	16 50	maint'na'ce
	" "	expenses	50	"
33	John Plouff	labor	60	reprs, serv's
34	Charles McIntyre	"	1 40	maint'na'ce
35	Prince A Allen	services to Mar 23	16 50	"
	" "	expenses	40	"
36	Charles McIntyre	labor	1 70	rep pipe line
37	Lawrence Bushey	"	1 70	"
38	O P Smith P M	500 1c stamps	5 00	maint'na'ce
39	John W Goodhue	supplies	1 73	"
40	Prince A Allen	services to Mch 30	16 50	"
	" "	expenses	60	"
41	" "	services to Apr 6	16 50	"
	" "	expenses	50	"
42	Charles Bailey	labor	2 70	"
43	George W Tozer	5 gal oil	60	"
44	American Ex Co	express on meter	25	rep. services
45	Prince A Allen	services to Apr 13	16 50	maint'na'ce
	" "	expenses	50	"
46	John Plouff	labor	1 05	"
47	Charles McIntyre	"	3 80	"
48	Daniel Sheehan	"	1 70	"
49	Taun Loc Mfg Co	cap for gate box	75	rep pipe line
50	B & M R R	freight on meter	25	" services
51	Hersey Manfg Co	repairing meter	2 76	"
52	Ned L Harris	hauling tools	25	"
53	Prince A Allen	services to Apr 20	16 50	maint'na'ce
	" "	expenses	60	"
54	" "	services to Apr 27	16 50	"
	" "	expenses	50	maint'na'ce
55	John Plouff	labor	75	services
56	Daniel Sheehan	"	2 00	"
57	James Wallace	"	2 00	"
58	Aaron Lord	"	7 40	rep pipe line
59	John Plouff	"	1 95	services
60	Alfred Comeau	"	2 00	"
	" "	"	2 00	rep.pipe line
61	Prince A Allen	services to May 4	16 50	maint'na'ce
	" "	expenses	20	"
62	Thomas A Howe	teaming	50	rep. services
63	ChapmanVal Mf Co	extension pipe	2 25	" pipe line

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
64	Charles McIntyre	labor	2 00	rep services
	" "	"	5 80	services
65	Prince A Allen	services to May 11	16 50	maint'na'ce
	" "	expenses	50	"
66	American Ex Co	exp on hydrant	25	rep pipe line
67	Carter Bros	hauling ashes	6 00	maint'na'ce
68	Prince A Allen	services to May 18	16 50	"
	" "	expenses	50	"
69	Alfred Comeau	labor	40	"
	" "	"	1 60	services
70	Samuel White	"	2 00	"
71	John Plouff	"	60	rep services
	" "	"	1 50	services
72	Everett Guilford	"	4 38	maint'na'ce
73	J Warren Perkins	tape line	2 50	"
74	Epes Norwood	labor	14 60	"
75	Charles A Dorr	"	13 30	"
76	Prince A Allen	services to May 25	16 50	"
	" "	expenses	60	"
77	Wm P Ross	labor at basin	29 75	"
78	Boston St Spec Co	aluminum paint	1 40	"
79	John W Goodhue	supplies	5 68	"
80	Prince A Allen	services to June 1	16 50	"
	" "	expenses	40	"
81	Michael Callahan	teaming	25	rep services
82	David A Grady	teams	2 00	"
	" "	"	4 50	rep pipe line
	" "	"	6 00	services
	" "	"	6 00	maint'na'ce
83	Old Col Trust co	interest on bonds	2940 00	interest
84	Epes Norwood	labor at basin	16 00	maint'na'ce
85	Charles A Dorr	"	16 00	"
86	Jackson Express co	express on meters	50	rep services
87	Prince A Allen	services to June 8	16 50	maint'na'ce
	" "	expenses	50	"
88	Susan Richards	abatement	25	water rates
89	Epes Norwood	labor	9 00	maint'na'ce
90	Charles A Dorr	"	8 00	"
91	Ned L Harris	teaming	85	services
92	Prince A Allen	services to June 15	16 50	maint'na'ce
	" "	expenses	50	"
93	John Sturk	labor	2 80	services
94	Joseph Vallier	"	2 80	"

NO	PAID TO	FOR WHAT	AMT.	ACCOUUT APPLIED TO
95	Albert A Felton	labor	2 80	services
	" "	"	1 40	rep services
96	Charles A Dorr	"	11 20	maint'na'ce
97	Augustus J Barton	serv. as auctioneer	4 00	"
98	Prince A Allen	services to June 24	16 50	"
	" "	expenses	50	"
99	George Plouff	labor	2 00	services
100	John Plouff	"	75	"
101	Narcisse Chouinard	"	2 00	"
102	David Dacamps	"	2 00	"
103	Boston Stm Spec co	2 p 30in c. i. pipe	56 00	maint'na'ce
104	T E Condon Treas	prem Ill.c r r bonds	60 00	"
105	Harry K Dodge	grass seed	8 67	"
106	Epes Norwood	labor	14 00	"
107	Charles A Dorr	"	4 00	"
108	National Lead co	lead pipe, solder	32 49	services
109	Charles M Kelly	services to July 1	125 00	maint'na'ce
	" "	500 1c stamps	5 00	"
110	Silas Crocker	labor	21 00	"
111	Ned L Harris	teaming	1 15	services
112	B & M R R	freight, 2 pcs pipe	3 60	maint'na'ce
113	Prince A Allen	services to June 29	16 50	"
	" "	expenses	60	"
114	Everett Guilford	labor	3 60	"
115	Lawrence Bushey	"	2 00	rep services
116	Epes Norwood	"	1 70	"
117	Treas Town of Ips	sealing tape	25	maint'na'ce
118	John Plouff	labor	30	rep services
119	Lawrence Bushey	"	9 00	maint'an'ce
120	Perrin Seamans&co	3in Edison diaph'm	1 80	"
121	Boston Stm Spec co	12 buffalo boxes	10 80	services
122	National Meter co	5 5-8 Emp. meters	52 50	"
123	Prince A Allen	services to July 6	16 50	maint'an'ce
	" "	expenses	50	"
	B & M R R	freight	25	"
124	T B Fall & Son	coal	639 75	"
125	George A Schofield	painting	13 25	"
126	Leon Burnish	labor	4 80	services
127	Fred Campter	"	4 80	"
128	Dennis St George	"	3 00	"
129	Vitel Thuot	"	3 00	"
130	Everett Guilford	"	4 50	"
	" "	"	5 55	maint'na'ce

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
131	Prince A Allen	services to July 13	$16 50	maint'na'ce
	" "	expenses	50	"
132	B & M R R	freight	2 01	"
	" "	"	46	services
133	G M Knowlton R C	1 7-16 x 2 1-2 rings	10 00	maint'na'ce
134	National Lead co	lead pipe	27 36	services
135	Jerry W Davison	labor	2 50	maint'na'ce
136	A H Plouff	setting meter	60	"
137	George Harris	use of land	1 00	"
138	David Low	cutting grass	5 00	"
139	Wm P Ross	labor at station	104 00	"
140	Leon Burnish	labor	5 60	services
141	Fred Campter	"	5 60	"
142	Augustus StGeorge	"	5 80	"
143	A W Chesterton&co	oil and flax	39 35	maint'na'ce
144	Prince A Allen	services to July 20	16 50	"
	" "	expenses	20	"
145	Everett Guilford	labor	3 00	"
	" "	"	5 25	services
146	Hersey Manfg co	repairing meter	1 63	repr's serv's
147	National Meter co	" "	2 55	" "
148	Fred Campter	labor	2 00	" "
149	Bart Dandurand	"	2 00	" "
	-" "	"	3 40	maint'na'ce
150	Everett Guilford	"	3 75	"
	" "	"	1 50	rep'rs serv's
	" "	"	1 50	maint'na'ce
151	Prince A Allen	services to July 27	16 50	"
	" "	expenses	40	"
152	Boston Stm Spec co	fittings	40 00	services
153	Albert D Mallard	teaming	25	"
	" "	"	1 50	filter
154	Eastern Ex Met co	41 yds B lath	7 88	"
155	E K Brown	wood ashes	97 75	maint'na'ce
156	Charles A Dorr	labor	4 00	"
	" "	"	1 00	filter
157	Boston Stm Spec co	pipe and fittings	26 63	services
158	Bart Dandurand	labor	7 60	filter
159	Everett Guilford	"	5 55	"
160	Prince A Allen	services to Aug 3	16 50	maint'na'ce
	" "	expenses	50	"
161	Jackson Express co	express	1 25	"
	" "	"	1 10	rep'rs serv's

NO	PAID TO	FOR WHAT	AMT.	ACCOUNT APPLIED TO
162	Agawam Stables	teams	$ 1 50	rep. servic's
	" "	"	1 50	"pipe line
	" "	"	9 00	services
	" "	"	22 25	maint'na'ce
163	E G Damon	labor	17 34	filter
164	Vitel Thuot	"	6 00	services
165	Arthur Thuot	"	2 00	"
166	Fred Campter	"	4 80	"
167	Prince A Allen	services to Aug 10	16 50	maint'na'ce
	" "	expenses	30	"
168	Everett Guilford	labor	3 00	"
	" "	"	4 50	services
	" "	"	1 50	filter
169	Bart. Dandurand	"	2 00	"
	" "	"	6 80	services
170	B & M R R	freight	26	"
171	American Exp. co	express	30	rep. services
	" "	"	15	maint'na'ce
172	F J Dibble	repairing receiver	6 50	"
173	Charles J Jager &co	2 7-8 tanks	67 50	filter
174	Charles A Dorr	labor	6 00	maint'na'ce
175	Everett Guilford	"	3 00	"
	" "	"	6 00	filter
176	Bart. Dandurand	"	7 00	"
177	Arthur Thuot	"	3 00	"
178	Vitel Thuot	"	2 00	"
	"	"	1 00	maint'na'ce
179	Prince A Allen	services to Aug 17	16 50	"
	" "	expenses	30	"
180	Vitel Thuot	labor	1 60	"
181	Everett Guilford	"	9 00	"
182	Prince A Allen	services to Aug 24	16 50	"
	" "	expenses	30	"
183	Boston Stm Sp co	fittings	18 44	filter
	" "	Buffalo boxes	10 90	services
184	M Nolan estate	labor	96	"
	" "	"	2 55	maint'na'ce
185	A L Lord	"	15 61	filter
186	B & M R R co	freight	1 61	services
187	National Lead co	lead pipe	29 39	"
188	Vitel Thuot	labor	9 00	"
189	Arthur Thuot	"	13 00	"
190	Fred Campter	"	14 00	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
191	Bart. Dandurand	labor	$ 5 60	services
192	Prince A Allen	services to Sept 7	33 00	maint'na'ce
	" "	expenses	70	"
193	Everett Guilford	labor	4 50	"
	" "	"	10 50	services
194	John W Goodhue	supplies	1 80	filter
	" "	"	5 85	maint'na'ce
195	Fred Campter	labor	10 80	services
196	American Exp co	express	75	maint'na'ce
	" "	"	25	filter
197	Buffalo Meter co	6 5-8 discs	3 24	rep'rs serv's
198	Taun. Loc. Mfg. co	2 gate boxes	10 00	pipe line
199	Thompson Meter co	6 5-8 discs	4 80	rep'rs serv's
200	John W Nourse	gravel	2 10	maint'na'ce
	" "	"	90	filter
201	Levi Girard	labor	1 00	services
202	Vitel Thuot	"	6 80	"
203	Everett Guilford	"	6 00	"
	" "	"	3 00	maint'na'ce
204	Arthur Thuot	"	6 80	services
205	Prince A Allen	services to Sept 14	16 50	maint'na'ce
	" "	expenses	45	"
206	B & M R R	freight	51	pipe line
207	Everett Guilford	labor	3 00	maint'na'ce
208	Prince A Allen	services to Sept 21	16 50	"
	" "	expenses	65	"
209	Boston S S Co	fittings	58 36	services
210	Moses Moquin	labor	1 00	repr's serv's
211	Prince A Allen	services to Sept 28	16 50	maint'na'ce
	" "	expenses	65	"
212	Fred Campter	labor	3 80	repr's serv's
213	Everett Guilford	"	1 50	" "
214	Leon Burnish	"	2 00	" "
215	Agawam Stables	teams	3 00	" "
	" "	"	23 50	services
	" "	"	7 50	filter
216	W W Davis & Son	lunches	1 00	maint'na'ce
217	Walter P Ross	labor	2 00	"
218	MutualBoilerIns co	premium	20 00	"
219	John S Glover	lime and cement	19 05	filter
220	C F Chapman	sponge	75	maint'na'ce
	" "	washers	10	services
221	Jerry W Davison	rod and lever	1 00	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUUT APPLIED TO
222	Charles Bailey	labor	$ 1 70	maint'na'ce
223	Fred Campter	"	1 00	"
224	Am Express co	express	25	rep. services
225	James Graffum	labor	2 25	"pipe line
	" "	"	1 10	services
	" "	"	2 00	maint'na'ce
226	Prince A Allen	services to Oct 5	16 50	"
	" "	expenses	60	"
227	" "	services to Oct 12	16 50	"
	" "	expenses	60	"
228	E G Damon	labor	9 28	"
229	John W Goodhue	copper netting, etc	21 80	"
230	S F Canney	lumber	6 87	"
	" "	"	19 74	filter
231	Prince A Allen	services to Oct 19	16 50	maint'na'ce
	" "	expenses	60	"
232	Everett Guilford	labor	1 50	services
233	Moses Moquin	"	2 00	"
	" "	"	1 00	repr's serv's
234	Fred Campter	"	2 00	services
235	Hancock Insp'r Co	supplies	1 55	maint'na'ce
236	B & M R R	freight	48	services
237	Prince A Allen	services to Oct 26	16 50	maint'na'ce
	" "	expenses	40	"
238	Edward Campter	labor	3 00	services
239	Everett Guilford	"	4 50	"
	" "	"	1 50	maint'na'ce
240	Moses Moquin	"	5 60	services
241	Fred Campter	"	5 00	"
242	1st Nat's Bk,Salem	rent of box	5 00	maint'na'ce
243	Wm P Ross	labor	23 00	filter
244	National Lead Co	lead pipe	24 41	services
245	Prince A Allen	services to Nov 2	16 50	maint'na'ce
	" "	expenses	50	"
246	Everett Guilford	labor	7 50	"
247	Moses Moquin	"	1 00	"
248	Thos. Scahill	"	1 55	"
249	Ned L Harris	teaming	1 75	"
	" "	"	25	services
250	Prince A Allen	services to Nov 9	16 50	maint'na'ce
	" "	expenses	40	"
251	Everett Guilford	labor	1 35	"
	" "	"	2 40	services

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
252	Fred Campter	labor	$ 2 80	services
253	Moses Moquin	"	1 80	"
254	Thomas H Lord	grass seed	5 62	maint'na'ce
255	Prince A Allen	services to Nov 16	16 50	"
	" "	expenses	30	"
256	Everett Guilford	labor	6 75	"
257	Moses Moquin	"	8 20	services
258	Edward Campter	"	8 80	"
259	Enoch Olmstead	"	1 80	"
260	Fred Campter	"	7 20	"
261	Leon Burnish	"	7 80	"
262	A W Chesterton&co	supplies	25 30	maint'na'ce
263	Boston Stm Sp co	fittings	16 44	services
264	John A Brown	sand and lumber	10 45	filter
265	B & M R R	freight	2 68	services
266	Prince A Allen	services to Nov 23	16 50	maint'na'ce
	" "	expenses	20	"
267	Fred Mattes	labor	3 50	pipe line rps
	" "	"	10 05	services
268	Arthur Moquin	"	6 00	"
269	Enoch Olmstead	"	9 00	"
270	Fred Campter	"	9 20	"
271	Everett Guilford	"	7 20	"
272	Edward Campter	"	9 20	"
273	Leon Burnish	"	9 20	"
274	Moses Moquin	"	9 20	"
275	Olive P Smith P M	stamps	5 00	maint'na'ce
276	Natl Lead co	lead pipe	28 20	services
277	Prince A Allen	services to Nov 30	16 50	maint'na'ce
	" "	expenses	40	"
278	William A Clark	labor	1 60	services
279	Ambrose Young	"	1 60	"
280	Enoch Olmstead	"	20	"
	" "	"	6 00	maint'na'ce
	" "	"	1 80	filter
281	Fred Campter	"	4 30	maint'na'ce
	" "	"	20	rep'rs serv's
282	Everett Guilford	"	1 35	filter
	" "	"	1 35	maint'na'ce
283	Moses Moquin	"	70	"
	" "	"	3 80	services
284	Leon Burnish	"	3 80	"
	" "	"	70	maint'na'ce

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
285	George A Schofield	printing	$ 8 50	maint'na'ce
286	Boston Stm Sp co	2" C I pipe	119 88	services
287	Fred L Butman	inspection books	6 00	maint'na'ce
288	Am Express co	express	25	"
289	Prince A Allen	services to Dec 7	16 50	"
	" "	fares	50	"
290	Boston Stm Sp co	3-4 Newport S W	3 40	services
291	Waldo Bros	brick and fire clay	3 75	maint'na'ce
292	Jackson Express co	express	65	"
	" "	"	1 40	services
293	Revere Water co	labor and expenses	2 83	"
294	Wm Marshall	labor	6 69	"
295	O C Trust co	interest	2940 00	int.on b nds
296	L E Goodrich	picture	3 00	maint'na'ce
297	Boston Stm Sp co	3-4 Fitch'g S & W	14 40	services
298	Hersey Manfg co	repg meter	1 43	rep'rs serv's
299	Prince A Allen	services to Dec 14	16 50	maint'na'ce
	" "	expenses	60	"
300	Arthur Moquin	labor	20	repr's serv's
	" "	"	1 80	services
301	George Spencer	"	5 75	maint'na'ce
302	J H Lakeman	glass and labor	1 67	"
303	Walworth Mnfg co	Millers Bibb seals	2 92	"
304	Prince A Allen	services to Dec 21	16 50	"
	" "	expenses	60	"
305	Fred Campter	labor	1 80	"
306	T E Condon estate	supplies	4 85	"
307	Theo F Cogswell	sewer pipe	9 30	"
308	Prince A Allen	services to Dec 28	16 50	"
	" "	expenses	60	"
309	Natl Meter co	5-8 Empire meters	52 50	services
310	Agawam Stables	teams	23 00	"
	" "	"	11 50	maint'na'ce
311	Bernard Scahill	board	4 50	services
312	T E Condon estate	salary 1900	50 00	maint'na'ce
	" "	" to Jan 1 1902	41 67	"
213	Chas M Kelly	services to Jan 1	125 00	"
314	Wm H Rand	salary	100 00	"
315	A H Plouff	"	100 00	"
316	Walter E Lord	"	100 00	"
317	C L Dole	dressing & teaming	4 50	"
			$10576 13	

II. MAINTENANCE ITEMS.

Commissioners' salaries	$ 300 00
Salary of Town Treasurer 1900 and 1901	91 67
Engineers' services	858 00
Clerk's services	250 00
Supplies	211 25
Books, printing, advertising, postage &c	129 18
Insurance	20 00
Teaming, express and freight	104 82
Fuel	639 75
Labor	475 01
Premium on bonds	60 00
Safe	60 00
Lumber	6 87
Miscellaneous	165 45
	$3372 00

III. RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING DECEMBER 31, 1901.

RECEIPTS.		EXPENDITURES.	
Balance Jan 1, 1901	$ 248 49	Maintenance $3372 00	
Appropriations	1651 00	Repairs services 55 20	
" for fountains	100 00	" pipe line 27 80	
" " filter	500 00		$3455 00
Dividend on insurance	46 67	Serv's pipe construction	980 61
Water rates	7667 11	Pipe line "	10 51
Services	641 63	Interest on bonds	5880 00
Hay and apples	40 00	Filter construction	249 76
Pipe line	17 94	Water rates	25
Miscellaneous	25 04	Balance	361 75
	$10937 88		$10937 88

IV COMMISSIONERS' BALANCE SHEET.—1901.

DR.		CR.	
Bonds	$147000 00	Engineering	$3350 00
Premiums	9318 08	Land damage and rights of way	3599 12
Interest	1394 35	Pumping Station	10047 41
Appropriations	16739 85	Pumps and machin'y	8298 46
Miscellaneous receipts	165 43	Storage Basin	27693 59
Water Rates	44585 18	Bull Brook supply	1778 60
Special appropriation for filter	229 86	Distrib'g Reservoir	17827 56
		Pipe line construction	74254 31
		Serv. pipe "	8010 94
		Miscel. expenses	2834 20
		Cost of construction	$157694 19
		Int on bonds & notes	40438 32
		Maintenance	18701 55
		Materials and supplies on hand	1608 59
		Water rates, due and unpaid	604 04
		Services due and unpaid	24 31
		Balance	361 75
	$219432 75		$219432 75

V. SUMMARY OF COST OF CONSTRUCTION TO DATE.

Construction Account.	Dec 31 '00	Year 1901	Dec 31' 01
Engineering	$ 3350 00		3350 00
Land damages and rights of way	3599 12		3599 12
Pumping station	10047 41		10047 41
Pumps and pumping machinery	8298 46		8298 46
Storage basin	27693 59		27693 59
Bull brook supply	1778 60		1778 60
Distributing reservoir	17827 56		17827 56
Pipe line construction	74245 65	8 66	74254 31
Service pipe "	7606 68	404 26	8010 94
Miscellaneous expenses . . .	2834 20		2834 20
	157281 27	412 92	157694 19

VI. SINKING FUND.

RECEIPTS.		INVESTMENTS.	
Appropriations, '95	$1700 00	Ipswich Savings B'k	$1514 00
" '96	1759 50	Salem 5c " "	1034 03
" '97	1899 08	Ins't for " New'port	1137 38
" '98	1965 55	Town of Ipswich notes	2000 00
" '99	2032 00	Ipswich Gas Co note	3000 00
" 1900	2138 65	Ipswich Water bonds	2000 00
" '01	2363 50	Maine Cent'l R R 4 p c	3000 00
Premium on bonds	1063 50	Ill. " " 3½ "	3000 00
Interest	1856 13	Cash	92 50
	$16777 91		$16777 91

Walter E. Lord
A. H. Plouff } Trustees
W. H. Rand

The foregoing schedules have been examined and found correct.

Henry F. Dunnels, Auditor.

THOMAS E CONDON, Treasurer, in Account with the WATER BOARD for the Year Ending December 14, 1901.

1901.	DR.	
Jan. 1	To cash on hand	$ 248 49
" 11	" div on Ins policy on power house . .	40 00
" 15	" Water Board on acc. water rates . .	855 72
" 31	" " " " " " " . . .	894 60
	" " " miscellaneous	1 10
Mch 7	" " " on acc water rates . .	636 06
	" " " miscellaneous . . .	2 80
Apr 9	" " " on acc water rates . .	401 46
	" " " miscellaneous	6 74
June 1	" " " on acc water rates . .	468 66
	" " " miscellaneous	14 44
	" " " services	11 71
" 14	" " " on acc water rates . .	62 30
	" " " miscellaneous	9 00
" 21	" from town appr. in part for 1901 .	954 50
" 25	" Water Board on acc of premium on . Illinois Central Bonds	60 00
July 8	" Water Board on acc water rates . .	1004 74
	" " " miscellaneous	44 70
" 22	" " " on acc water rates . .	719 01
	" " " miscellaneous	19 15
	" " " services	22 66
Aug 2	" " " on acc water rates . .	698 51
	" " " miscellaneous	2 75
	" " " services	12 07
" 13	" Ipswich Savings Bank	636 50
" 21	" Water Board on acc water rates . .	620 75
	" " " miscellaneous	2 30
	" " " services	10 45
Oct 10	" " " on acc water rates . .	759 75
	" " " miscellaneous	3 80
	" " " services	29 20
	" div on Ins policy on power house .	6 67
Nov 15	" Water Board on acc water rates . .	336 10
	" " " miscellaneous	5 04
	" " " services	161 11
	" Unpaid orders	37 21
		$9800 05

1901 CR.

By cash gross amt. of orders allowed by Water Board for 1901	6883 07
By cash on hand	2916 98
	$9800 05

Examined and found correct, Henry F. Dunnels, Auditor.

UNDRAWN ORDERS.

Page 174.	J. W. Davison	$ 1 00	
" "	Chas. Bailey	1 70	
" 175.	S. F. Canney	26 61	
" 176.	Ned L. Harris	2 00	
" 178.	Wm. A. Clarke	1 60	
" "	Ambrose Young	1 60	
" "	Everett Guilford	2 70	
			$37 21

CHAS. W. BAMFORD, Treasurer, in Account with the WATER BOARD, for the balance of year 1901.

1901 DR.

Dec, 14	To cash on hand	$ 2916 98
" 24	" " Town. Special appropriation .	500 00
Jan 8, '02	" " Water Board on acct. water rates	189 25
	" " " " miscellaneous . . .	12 86
	" " " " services	372 93
" 15	" " Town bal of appropriation 1901	100 00
	" " Undrawn orders	157 70
		$4249 72

1901 CR.

By cash gross amt. of orders allowed by Water Board from Dec. 14 to Jan. 1 . .	$3693 06
" cash balance of orders from Thos. E. Condon's account	37 21
By cash on hand	519 45
	$4249 72

Examined and found correct, Henry F. Dunnels, Auditor.

UNPAID ORDERS.

Page 178.	American Express Company . .	$ 25	
"	William Marshall	6 69	
179.	George Spencer	2 75	
180.	C. L. Dole	4 50	
"	Walter E. Lord	100 00	
"	T. F. Cogswell	9 30	
			$126 49
174	J. W. Davison	1 00	
175	S. F. Canney	26 61	
176	Ned L. Harris	2 00	
178	Ambrose Young	1 60	31 21
			$157 70

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Feb. 18	1901 Feb. 19	very slight	very slight	.25	none	faintly veg.	5.20	.0036	.0188	.71	.0160	.0000	.33	2.0	Storage Basin
Mar. 19	Mar. 20	very slight	slight	1.02	faintly veg.	distn'ly veg.	6.50	.0022	.0266	.52	.0090	.0001	1.22	2.0	Bull Brook
Mar. 19	Mar. 20	very slight	slight	.50	dis.veg. & leafy	distn'ty veg.	4.75	.0008	.0162	.44	.0050	.0000	.68	1.4	Dow's Brook
Mar. 19	Mar. 20	decid ed	cons.	.34	v. f'tly veg.	ftly veg. &un'p'lt	3.95	.0024	.0232	.40	.0080	.0001	.60	1.0	Storage Basin
Apr. 16	Apr. 17	very slight	slight	1.20	disnt'lv sweet'h	none	5.25	.0020	.0232	.49	.0050	.0000	1.14	1.6	Bull Brook
Apr. 16	Apr. 17	very slight	slight	0.43	faintly veg.	distn'ly veg.	3.85	.0006	.0098	.42	.0050	.0000	0.52	1.0	Dow's Brook
Apr. 16	Apr. 17	slight	slight	0.43	faintly veg.	distn'ly veg.	4.35	.0024	.0122	.45	.0180	.0000	0.52	1.0	Storage Basin

Explanation of abbreviations; Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 May 14	1901 May 15	very slight	slight	1.90	faintly veg	distn'ly veg	5.85	.0048	.0348	.52	.0030	.0000	1.52	1.4	Bull Brook
May 14	May 15	very slight	slight	·84	faintly veg	distn'ly veg	4.15	.0010	.0188	.44	.0010	.0000	.80	0.8	Dow's Brook
May 14	May 15	very slight	cons.	.40	faintly veg	distn'ty veg	4.65	.0030	.0186	.50	.0070	.0001	.52	1.1	Storage Reservoir
June 10	Jun. 12	none	very slight	.10	none	faintly veg	4.60	.0004	.0058	.45	.0050	.0001	.22	1.8	Dow's Brook
June 10	Jun. 12	none	very slight	.25	distn'ly unpl'nt	dec'dly unpl'nt	5.15	.0050	.0202	.62	.0100	.0001	.55	2.0	Storage Basin
June 10	Jun. 12	none	very slight	.38	none	faintly veg	5.75	.0052	.0154	.65	.0130	.0001	.46	2.1	Tap at Pump. Station

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Jun. 18	1901 Jun. 19	slight	cons.	2.04	distn'ly veg	distn'ly unpl'nt	6.95	.0026	.0296	.62	.0060	.0001	1.56	2.1	Bull Brook
Jun. 18	Jun. 19	very slight	slight	.25	faintly veg.	distn'ty veg,grsy	4.00	.0008	.0086	.49	.0020	.0001	.25	1.6	Dow's Brook
Jun. 18	Jun. 19	slight	slight	.36	faintly veg.	faintly veg.	4.25	.0040	.0154	.53	.0030	.0001	.45	1.4	Storage Basin
July 15	July 16	very slight	very slight	1.40	disnt'ly veg.	distn'ly veg	8.25	.0026	.0322	.55	.0070	.0000	1.46	2.3	Bull Brook
July 15	July 16	very slight	slight	.21	none	none	4.55	.0060	.0208	.44	.0030	.0000	.43	1.6	Dow's Brook
July 15	July 16	very slight	very slight	.20	none	none	4.50	.0042	.0176	.45	.0010	.0000	.41	1.6	Storage Basin

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Aug 20	1901 Aug 21	very slight	very slight	.35	distn'ly un'pl'nt	dec'dly unpl'nt	7.10	.0002	.0126	.57	.0050	.0002	.44	.16	Bull Brook
Aug 20	Aug 21	very slight	slight	·11	none	faintly veg	4.30	.0000	.0076	.42	.0030	.0002	.18	.22	Dow's Brook
Aug 20	Aug 21	very slight	very slight	.18	faintly veg	distn'ty veg	4.80	.0004	.0252	.48	.0050	.0001	.39	.18	Storage Basin
Sept 13	Sept 14	slight	very slight	.11	faintly veg	faintly veg	5.40	.0002	.0170	.55	.0040	.0000	.39	1.8	Storage Basin
Sept 13	Sept 14	very slight	very slight	.10	faintly veg	faintly veg	5.80	.0006	.0160	.55	.0040	.0000	.36	2.3	Filter No. 1. Inlet.
Sept 13	Sept 14	none	none	.00	none	none	4.90	.0008	.0060	.55	.0030	.0001	.16	2.5	Filter No. 1. Before aeration.

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD.	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Sept 13	1901 Sept 14	none	slight sand	.00	none	none	5.90	.0004	.0058	.55	.0030	.0001	.16	2.6	Filter No. 1, after aeration
Sept 13	Sept 14	very slight	slight	.10	none	none	4.75	.0004	.0150	.55	.0030	.0001	.36	2.6	Filter No. 2, inlet
Sept 13	Sept 14	none	none	.00	none	none	4.80	.0002	.0054	.55	.0020	.0001	.16	2.6	Filter No. 2, discharge
Sept 18	Sept 20	very slight	slight	.12	distn'ly veg.	distn'ly veg.	5.10	.0012	.0224	.56	.0020	.0000	.41	2.0	Basin
Sept 18	Sept 20	very slight	very slight	.10	faintly veg.	distn'ly veg	4.85	.0010	.0172	.56	.0050	.0000	.41	2.1	Filter No. 1, inlet
Sept 18	Sept 20	none	none	.00	none	none	5.00	.0006	.0104	.53	.0030	.0000	.17	2.7	Filter No. 1, before aeration

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Sept 18	1901 Sept 20	none	very slight	.00	none	none	5.30	.0006	.0086	.54	.0030	.0000	.18	2.7	Filter No. 1, after aeration
Sept 18	Sept 20	very slight	very slight	·12	none	faintly veg	4.95	.0180	.0018	.56	.0020	.0000	.38	2.1	Filter No. 2, inlet
Sept 18	Sept 20	none	none	.00	none	none	4.40	.0082	.0006	.55	.0020	.0000	.22	2.6	Filter No. 2, discharge
Sept 24	Sept 24	none	very slight	.73	distn'ly veg.	distn'ly veg	7.70	.0014	.0202	.58	.0060	.0001	.78	3.0	Bull Brook
Sept 24	Sept 24	none	slight	.11	distn'ly veg	decid'ly veg	5.00	.0010	.0096	.39	.0030	.0001	.23	2.5	Dow's Brook
Sept 24	Sept 24	very slight	slight	.10	faintly veg.	distn'ly veg	5.30	.0010	.0224	.45	.0010	.0000	.36	2.2	Storage Basin

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Sept 25	1901 Sept 26	very slight	slight	.11	distn'ly veg	distn'ly veg	4.60	.0006	.0230	.46	.0020	.0001	.36	1.8	Storage Basin
Sept 25	Sept 26	very slight	slight	.13	faintly veg	faintly veg	4.40	.0014	.0190	.50	.0020	.0002	.39	2.0	Filter No. 1, inlet
Sept 25	Sept 26	none	none	.02	none	none	4.35	.0000	.0086	.54	.0020	.0001	.12	2.2	Filter No. 1, before aeration
Sept 25	Sept 26	none	none	.02	none	none	4.80	.0000	.0076	.54	.0030	.0001	.14	2.1	Filter No. 1, after aeration
Sept 25	Sept 26	very slight	very slight	.14	none	faintly veg.	4.65	.0014	.0194	.48	.0020	.0002	.48	2.1	Filter No. 2, intake
Sept 25	Sept 26	very slight	slight	.05	none	none	5.30	.0000	.0086	.53	.0050	.0000	.21	2.2	FilterNo. 2, discharge

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Sept 30	1901 Oct. 1	slight	slight	.14	distn'ly veg	dec'dl y veg	4.60	.0016	.0292	.47	.0010	.0000	.40	2.0	Storage Basin
Sept 30	Oct. 1	very slight	very slight	·13	none	&woody none	4.70	.0020	.0200	.48	.0030	.0001	.35	2.2	Filter No. 1, inlet
Sept 30	Oct. 1	none	none	.02	none	faintly veg	4.70	.0000	.0076	.50	.0050	.0000	.24	2.1	Filter No. 1, before aeration
Sept 30	Oct. 1	none	none	.01	distn'ly veg.	distn'ly veg	4.90	.0006	.0098	.50	.0050	.0000	.21	2.2	Filtee No. 1, after aeration
Sept 30	Oct. 1	very slight	very slight	.13	none	faintly veg	4.60	.0014	.0216	.48	.0020	.0000	.35	2.0	Filter No. 2, inlet
Sept 30	Oct. 1	very slight	none	.05	none	none	6.10	.0000	.0066	.55	.0120	.0001	.22	2.6	Filter No. 2, discharge

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 .Oct. 7	1901 Oct. 8	none	very slight	.14	faintly veg	distn'ly veg	4.50	.0010	.0236	.47	.0020	.0000	.40	2.1	Storage Basin
Oct. 7	Oct. 8	none	very slight	.14	none	none	4.50	.0010	.0192	.49	.0020	.0002	.34	2.0	Filter No. 1, inlet
Oct. 7	Oct. 8	none	none	.01	none	none	5.20	.0000	.0116	.57	.0040	.0000	.23	2.7	Filter No. 1, before aeration
Oct. 7	Oct. 8	none	slight sand	.01	none	none	5.65	.0008	.0164	.56	.0050	.0001	.28	2.7	Filter No. 1, after aeration
Oct. 7	Oct. 8	none	very slight	.14	none	none	4.10	.0012	.0206	.48	.0010	.0000	.35	1.7	Filter No. 2, inlet
Oct. 7	Oct. 8	very slight	none	.02	none	none	5.75	.0000	.0088	.57	.0140	.0002	.20	2.9	FilterNo. 2, discharge

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Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Oct. 14	1901 Oct. 15	very slight	slight	.14	faintly veg.	distn'ly veg	4.65	.0006	.0214	.56	.0020	.0000	.39	2.0	Storage Basin
Oct. 14	Oct. 15	very slight	very slight	·03	faintly veg.	distn'ly veg	4.95	.0014	.0186	.57	.0010	.0003	.34	2.0	Filter No. 1, inlet
Oct. 14	Oct. 15	very slight	very slight	.07	none	none	6.80	.0024	.0126	.57	.0080	.0001	.26	3.9	Filter No. 1, before aeration
Oct. 14	Oct. 15	very slight	very slight	.06	none	none	7.15	.0022	.0122	.57	.0080	.0002	.27	3.8	Filter No. 1, after aeration
Oct. 14	Oct. 15	very slight	very slight	.13	none	none	5.60	.0010	.0180	.57	.0010	.0003	.36	2.2	Filter No. 2, inlet
Oct. 14	Oct. 15	very slight	very slight	.02	none	none	6.00	.0004	.0062	.57	.0140	.0000	.14	2.9	Filter No. 2, discharge

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 .Oct. 15	1901 Oct. 16	very slight	slight	.14	distn'ly veg	decid'ly veg	9.50	.0075	.0525	.87	.0160	.0000	2.72	3.1	Bull Brook
Oct. 15	Oct. 16	very slight	very slight	.03	distn'ly veg	decid'ly veg	9.20	.0048	.0424	.82	.0040	.0000	2.48	3.1	Dow's Brook
Oct. 21	Oct. 22	slight	slight	.17	distn'ly veg	decid'ly vegwdy	4.45	.0010	.0248	.59	.0010	.0001	.37	2.0	Storage Basin
Oct. 21	Oct. 22	very slight	very slight	.15	none	faintly veg	4.50	.0014	.0210	.58	.0010	.0002	.34	2.0	Filter No. 1, inlet
Oct. 21	Oct. 22	very slight	slight	.08	none	none	8.35	.0032	.0122	.58	.0080	.0002	.27	5.7	Filter No. 1, before aeration
Oct. 21	Oct. 22	very slight	very slight	.07	none	none	8.95	.0038	.0160	.57	.0070	.0002	.28	5.4	Filter No. 1, after aeration

Explanation of abbreviations; Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Oct. 21	1901 Oct. 22	very slight	very slight	.14	none	none	4.40	.0010	.0202	.58	.0020	.0000	.38	2.1	Filter No. 2, inlet
Oct. 21	Oct. 22	very slight	very slight	·03	none	none	4.90	.0000	.0086	.57	.0070	.0000	.19	2.9	Filter No. 2, discharge
Oct. 28	Oct. 29	slight	cons.	.17	faintly veg.	distn'ly veg	4.90	.0010	.0252	.57	.0020	.0001	.41	1.8	Storage Basin
Oct. 28	Oct. 29	slight	slight	.17	faintly veg.	distn'ly veg	4.15	.0006	.0176	.57	.0040	.0001	.38	2.0	Filter No. 1, inlet
Oct. 28	Oct. 29	none	none	.02	none	none	5.05	.0002	.0068	.57	.0100	.0000	.24	3.1	" " before aeration
Oct. 28	Oct. 29	none	none	.02	none	hone	4.90	.0000	.0062	.57	.0100	.0000	.24	2.7	Filter No. 1, after aeration

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 .Oct. 28	1901 Oct. 29	slight	slight	.17	distn'ly veg	distn'ly veg	4.60	.0006	.0172	.57	.0030	.0001	.37	1.8	Filter No. 2, inlet
Oct. 28	Oct. 29	none	none	.02	none	none	5.15	.0000	.0056	.57	.0090	.0000	.18	3.0	Filter No. 2, discharge
Nov. 4	Nov. 5	very slight	very slight	.15	distn'ly veg	distn'ly veg	4.35	.0020	.0248	.58	.0020	.0001	.45	1.8	Storage Basin
Nov. 4	Nov. 5	very slight	very slight	.14	faintly veg	faintly veg	4.35	.0020	.0204	.58	.0020	.0001	.43	2.0	Filter No. 1, inlet
Nov. 4	Nov. 5	none	none	.02	none	none	4.50	.0014	.0094	.58	.0060	.0000	.25	2.5	Filter No. 1, before aeration
Nov. 4	Nov. 5	none	none	.02	none	none	4.90	.0008	.0096	.58	.0060	.0000	.23	2.6	Filter No. 1, after aeration

Explanation of abbreviations; Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Nov. 4	1901 Nov 5	very slight	very slight	.14	faintly veg	faintly veg	4.70	.0016	.0212	.58	.0020	.0000	.39	1.8	Filter No. 2, inlet
Nov. 4	Nov 5	none	none	·02	none	none	5.60	.0006	.0082	.58	.0080	.0000	.16	2.6	Filter No. 2, discharge
Nov. 9	Nov 11	very slight	very slight	.13	distn'ly veg.	decid'ly veg	4.35	.0006	.0222	.59	.0020	.0001	.38	1.6	Storage Basin
Nov. 9	Nov 11	very slight	very slight	.13	faintly veg.	distn'ly veg wdy	4.75	.0008	.0196	.58	.0020	.0001	.38	1.7	Filter No. 1, inlet
Nov. 9	Nov 11	none	none	.03	none	none	4.75	.0004	.0084	.59	.0070	.0000	.25	2.3	" " before aeration
Nov. 9	Nov 11	none	none	.03	none	nene	4.80	.0004	.0084	.59	.0080	.0000	.23	2.3	Filter No. 1, after aeration

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Nov. 9	1901 Nov. 11	very slight	very slight	.14	faintly veg	distn'ly veg	4.60	.0008	.0184	.59	.0040	.0002	.36	1.7	Filter No. 2, inlet
Nov. 9	Nov. 11	none	none	.02	none	none	5.00	.0004	.0066	.58	.0100	.0000	.20	2.6	Filter No. 2, discharge
Nov. 15	Nov. 18	very slight	very slight	.12	distn'ly veg	decid'ly veg	4.60	.0014	.0210	.60	.0050	.0000	.39	2.0	Basin
Nov. 15	Nov. 18	very slight	very slight	.14	faintly veg	distn'ly veg	4.40	.0008	.0184	.59	.0040	.0000	.36	1.8	Filter No. 1, inlet
Nov. 15	Nov. 18	none	none	.02	none	none	4.60	.0002	.0076	.58	.0100	.0000	.22	2.3	Filter No. 1, before aeration
Nov. 15	Nov. 18	none	none	.02	none	none	4.55	.0004	.0076	.58	.0090	.0000	.21	2.6	Filter No. 1, after aeration

Explanation of abbreviations; Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

Commonwealth of Massachusetts—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE.	AMMONIA		CHLORINE.	NITROGEN AS		OXYGEN CONS'MD	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col	Cold	Hot	Tot'l	Free	Total		Nia's	Nit'e			
1901 Nov. 15	1901 Nov 18	very slight	very slight	.14	none	faintly veg	4.50	.0010	.0180	.59	.0050	.0000	.38	1.8	Filter No. 2, inlet
Nov. 15	Nov 18	none	none	·02	none	none	4.85	.0002	.0064	.58	.0110	.0000	.21	2.7	Filter No. 2, outlet
Nov. 23	Nov 26	none	very slight	.18	faintly	distn'ly	4.40	.0000	.0058	.49	.0010	.0000	.31	2.0	Dow's Brook
Nov. 23	Nov 26	very slight	very slight	.78	veg. faintly	veg distn'ly	7.65	.0044	.0224	.76	.0050	.0000	1.02	2.5	Bull Brook
Dec. 17	Dec. 18	very slight	very slight	1.96	veg. faintly	veg distn'ly	7.90	.0030	.0376	.67	.0160	.0000	2.02	1.7	Bull Brook
Dec. 17	Dec. 18	very slight	very slight	.42	veg faintly	veg distn'ly	5.05	.0008	.0126	.53	.0070	.0001	.58	1.6	Dow's Brook
Dec. 17	Dec. 18	very slight	slight	.28	veg fty veg	veg dis. veg	5.40	.0020	.0198	.63	.0080	.0001	.46	1.7	Storage Basin

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment 2d Col. is color; Tot'l is total; Nia's is nitrates; Nit'e is nitrites.

TOWN OF IPSWICH.

ANNUAL REPORT

.....OF THE.....

School Committee

FOR THE YEAR ENDING DEC. 31, 1901

IPSWICH:
FRED R. HULL, PRINTER.
1902.

School Committee.

JOHN H. COGSWELL	Term	Expires	1902
HARRIET E. NOYES	"	"	1902
CHARLES S. CUMMINGS	"	"	1903
GEORGE W. TOZER	"	"	1903
CHARLES W. BAMFORD	"	"	1904
CHARLES G. HULL	"	"	1904

ORGANIZATION.

CHARLES W. BAMFORD, Chairman. JOHN H. COGSWELL, Sec'y.

Sub-Committees.

HIGH SCHOOL.

MR. BAMFORD. MRS. NOYES. MR. TOZER.

GRAMMAR GRADES.

MR. COGSWELL. MR. HULL. MR. CUMMINGS.

PRIMARY GRADES.

MR COGSWELL. MRS. NOYES. MR. HULL.

ARGILLA SCHOOL.

MR. TOZER.

APPLETON SCHOOL.

MR. CUMMINGS.

LINEBROOK SCHOOL.

MRS. NOYES.

VILLAGE SCHOOL.

MR. HULL.

GRAPE ISLAND SCHOOL.

MR. BAMFORD.

ON REPAIRS.

MR. COGSWELL. MR. CUMMINGS.

LABOR CERTIFICATES.

MR. BAMFORD.

PURCHASING AGENT.

MR. COGSWELL.

TRUANT OFFICER.

ALBERT S. GARLAND.

LIST OF TEACHERS.

JANUARY 1, 1902.

HIGH SCHOOL	John P. Marston	Principal
	Emma G. Gardner	Assistant
	Susie H. Potter	Assistant
MANNING GRAMMAR	Grade IX	S. Isabel Arthur
	Grade VIII	Katharine F. Sullivan
WINTHROP GRAMMAR	Grade VII	E. Mabel Adams
	Grade VI	Eva M. Purinton
	Grade V	Mabel A. Willis
	Grade IV	Eva A. Willcomb
COGSWELL SCHOOL	Grade III	Katharine Baker
	Grades I and II	Isabel G. Brown
DENNISON SCHOOL	Grade III	Annie P. Wade
	Grades I and II	Grace E. Smith
PAYNE SCHOOL	Grade III	Mary E. Archer
	Grades I and II	Susan L. Kimball
		Elsie M. Ross

WAINWRIGHT SCHOOL.....Minnie F. Hodgkins.

APPLETON SCHOOL.....Ellen T. Sullivan.

ARGILLA SCHOOL.....Katie L. Brown.

GRAPE ISLAND SCHOOL.....Cora H. Jewett.

LINEBROOK SCHOOL.....Abbie Carr.

VILLAGE SCHOOL.....Augusta N. Appleton.

MUSIC.....Edward L. Macarthur.

DRAWING.....Ethel W. Ratsey.

Numerical Statement.

Number of children in town between the ages of 5 and 15, according to the census taken in September, 1901 765

As follows:

Number of boys betwen the ages of 5 and 15	389	
Number of girls between the ages of 5 and 15	376	
Number of boys between the ages of 7 and 14	270	
Number of girls between the ages of 7 and 14	253	523
Number of boys under 7 years of age	87	
Number of girls under 7 years of age	83	170
Number of boys between the ages of 14 and 15	38	
Number of girls between the ages of 14 and 15	34	72

Enrolment.

Number of pupils enroled in public schools for the year ending June 30, 1901 837

As follows:

In High School	68
In Grammar Schools	314
In Primary Schools	392
In Ungraded Schools	63

NOTE. In connection with the above it should be stated that the number enrolled includes 107 pupils who are above 15 years of age.

Enrolment and Attendance

For the Year Ending June 30, 1901.

NAME OF SCHOOL.	No. Enrolled.	Average Membership.	Average attendance.	Per cent of attendance.
High School	68	59.9	54.6	91.8
Manning Grammar Grade IX	71	63.6	59.2	93.
Manning Grammar Grade VIII	42	39.7	36.2	92.3
Winthrop Grammar Grade VII	43	35.5	32.9	92.2
Winthrop Grammar Grade VI	45	38.4	35.	91.3
Winthrop Grammar Grade V	51	44.9	41.1	92.3
Winthrop Grammar Grade IV	62	51.2	45.4	88.8
Cogswell School Grade III	45	41.3	37.4	91.3
Cogswell School Grades I and II	59	46.2	39.9	86.3
Dennison School Grade III	45	40.7	38.3	94.1
Dennison School Grades I and II	66	57.2	51.6	90.2
Payne School Grade III	49	43.5	39.3	90.2
Payne School Grades I and II	91	77.1	69.8	90.5
Wainwright School Grades I and II	37	35.	30.	85.6
Appleton School Ungraded	16	12.6	11.	87.2
Argilla School Ungraded	7	5.9	5.1	86.5
Grape Island School Ungraded	7	6.	5.4	90.
Linebrook School Ungraded	23	19.2	17.3	90.3
Village School Ungraded	10	8.	7.2	90.
	837	725.9	656.7	90.4

REPORT.

In presenting the annual report, the committee would congratulate the citizens of the town upon the present excellent condition of the schools, which condition has been made possible and is largely due to the open-handed generosity of the townspeople, in dealing with the problem of education. To these congratulations the committee would add their thanks for the hearty co-operation which they have received from all classes of citizens. Owing to the increase, during the past few years, in the school population, and the ever onward march of improvement which it has been impossible to resist, these years have been a period of transition, and one which materially has increased the duties and difficulties of the Board. Like other town officials, the School Board is entitled to the considerate judgment and hearty appreciation of the citizens, because of the complicated responsibilities which they bear. It is not an easy matter to steer safely between the Scylla of lax and lavish expenditure, and the Charybdis of a parsimony which will be almost fatal to some branches of our school work; or always to decide wisely and justly for the best good of all. We do not assume to be above criticism. We know that we sometimes are subject to unjust reflections, but we are grateful for the appreciation and considerate spirit of the people generally.

A retrospect of the year naturally involves not only the story of the past, but the conditions of the present, and the outlook for the future. While we may not have attained the perfect standard which we would like to see our schools maintain, certainly our progression has not been in any sense backward. There has been gain along many lines. Plato, however, tells us that, "the imperfect is the measure of nothing;" therefore, nothing but the best,—the best in teachers and methods, in aims and work,—should be considered good enough for our schools.

Four elements are required for a good school, viz: a good school-room, intelligent scholars, a wide-awake, energetic, and wise teacher, and INTERESTED parents. The latter is quite as essential as either of the other requirements. During the past year these conditions have been met more fully than ever before. With few exceptions, the school buildings are in good order; the pupils, many of them, have been awakened to a new sense of the meaning and value of education; teachers have been alert, responsive, and in the main, wise in administration; and, most hopeful sign of all, parents have become more interested in the progress of their children. By progress we mean the REAL knowledge which they have gained, not only of facts in books, but gain in self control, in the art of mastering difficulties, and of applying that which they have learned; not the fact of their having had a certain per cent for the year or that they have "jumped" a grade, or several seats in their school-room.

In all true education the amount of book knowledge gained, however important it may be, is an entirely subordinate matter compared with the mental desires that are aroused, and the mental power that is stored up. These desires depend largely upon the measure of contact of the mental life in the teacher with the answering love of the pupil. Unless the teacher has a genuine and enthusiastic love for his work, there will be little of this right kind of progress. The teacher who takes up the profession from purely mercenary views, who is constantly calculating what fraction of a dollar each hour of the day will bring him, will fail utterly of awakening in his scholars any laudable ambition. With this class of teachers Ipswich never has been greatly afflicted, and none have been found during the past year. As the years go by, the schools vary very much in regard to the disposition of the scholars to study and in regard to capacity. At the close of the year there is sometimes little to show for all the pains that has been taken, and casual lookers-on are apt to put the blame upon the teacher, when the solution of the difficulty really lies in the entirely changed composition and complexion of the school. Here again the help of the parent is needed. A man who should hire a person to work on his farm for the season, and never go into the field to inspect or overlook the work, would be likely to harvest more tares than wheat, and would have more weeds to burn than vegetables for market. Yet parents send their children to

school to be fitted for the duties of life, and seldom or never visit this educational field, to find out personally whether or not the teacher is doing his duty, or whether or not the children are in accord with the rules of the school; whether they are obedient and not pugnacious; studious, not indolent; neat, orderly and polite, instead of the opposite. It is pleasant for the committee to note, in the registers of several of the schools, a marked increase in the number of parents who have been awakened to an interest in these things.

The registers still bear too many absent marks. Who is responsible for this? Absence affects not only the standing of the absentee but also the entire class with which he is associated. We are pleased to say that the absences have decreased during the past school year.

Our teachers are coming to realize more fully the fact that no two pupils in their charge are exactly alike in their capacity for each and every study, and more individuality is allowed. While our graded schools still aim at uniformity, to expect that each and every child will be turned out of the educational "hopper" in exactly the same mental state, is as absurd as to plant cranberries and beans on the same swamp or sand hill, and expect that both will bear a good crop in either soil.

One important change in the school grading has been made during the past year, by which, it is believed, the efficiency of the work will be even greater than that of preceding years. By the change one less teacher is needed. This change has been the dropping of a grade which came between the seventh and eighth grades, and one which seemed to have no reason for being. It was so little in advance of the legitimate seventh, that it seemed to be simply a loitering ground for those not studiously inclined. The resignation of Miss Lakeman in April,—regretted alike by pupils, parents and committee,—and the promotion of Miss Arthur to the principalship of the Manning Grammar School, made possible the long-talked-of change. It went into effect in September. Its results have more than justified the committee in making the experiment. The financial saving,—which is the least of the gain,—is $500 per year. To the pupils it means a little harder work and one less year before reaching the High School. Two grades are now found in the Manning Grammar School and the work has greatly improved. During the last two months of the school year, May and June, a temporary change of teachers was necessitated, and the com-

mittee would express their appreciation of the hearty and energetic manner in which these teachers carried on their new work, under rather trying conditions, and also the ready and kindly way in which they responded to the call of the Board.

Teachers.

It has been said of the Ipswich teachers that "Few marry and none resign," but the past year has proved this statement a fallacy. In April, Miss Carrie L. Lakeman. for many years connected with the Grammar School, both as assistant and principal, resigned her position, to the genuine regret of all connected with the school. Her sunny face and cheerful disposition, her wise rule and energetic ways, made her a living power among her pupils. Her resignation was followed at the close of the school year by that of Miss Hatch, the efficient and beloved assistant in the High School. Miss Susie H. Potter, a teacher of experience and ability, was elected to fill the vacancy. The contagion of resignation spread to Linebrook, Argilla and the Appleton district. In the first school Miss Edith F. Perley, tried and true in her work, left it to accept a higher position in the schools of Reading. At Argilla, Miss Cora A. Smith was obliged to resign on account of ill-health; and at the Appleton School, Miss Lord gave up her position to continue her own studies at the Salem Normal School. To the excellent service of these teachers and their faithful and conscientious work, the committee bear cheerful testimony. During the winter, Miss Cora H. Jewett substituted acceptably at Argilla and was followed by Miss Katie L. Brown. The latter was elected as permanent teacher. At the Appleton School, Miss Lord was succeeded by Miss Ellen T. Sullivan, who is meet-

ing the requirements of the school and doing excellent work. At Linebrook, matters did not go quite smoothly under Miss Alma Taylor, who was elected to Miss Perley's vacant desk, and she resigned at the close of the fall term. Miss Abbie Carr, a graduate of the Salem Normal School, succeeded to the position.

In September, Miss Eva A. Willcomb was transferred permanently from the third grade in the Payne School to the fourth grade in the Winthrop, and Miss Ella M. Archer went, by preference, to Miss Willcomb's place at the Payne School.

In October, Miss Laura A. Hubbard, the loved and honored music teacher in our public schools since 1893, was called suddenly away from her work on earth,—a work conscientiously and efficiently performed. Her name always will be kindly remembered by the hundreds of pupils who have passed under her care. To her untiring, painstaking efforts is due in large measure the present excellent results in this branch of the school work. In electing her successor, Mr. Edward L. Macarthur of Malden, the committee feel that no mistake has been made. The work is going on well and smoothly, and the new teacher has aroused an even greater enthusiasm than has been shown in previous years. He brings to his work both the "spirit and the understanding."

Owing to the "dim religious light" prevailing in many of the school rooms during the short winter afternoons, and at the earnest solicitations of several parents living at a long distance from the schools, the committee decided to close the afternoon sessions at 3:30 o'clock, instead of at four, during the winter term. The four o'clock hour will be resumed in April.

School Curriculum.

A few changes have been made in the school curriculum in order to give, if possible, to each scholar compelled to leave school at the close of the Grammar course, some insight into practical business methods and laws. To this end, Bookkeeping has been substituted for Algebra in the Grammar School. Bookkeeping and Commercial Law have been introduced into the High School. To establish a separate Commercial Course would require a special appropriation for its carrying on, and also many appliances which would demand a large outlay. The committee have tried to adjust the matter without increasing the expenditure, and it is hoped that, little by little, there may come into the school curriculum other and still better changes. While we do not want our schools to be of the cultivated-while-you-wait order, neither do we want the pupil to be forced through a certain number of subjects for which he has neither aptitude nor inclination, only to come out at the end with a smattering of this and that, and with no real mental equipment for anything. We are urged not to "lower the standard of the High School." Far is it from the mind of any member of the School Board to do this, but as a French proverb says, "We must make arrows out of every kind of wood." If boys and girls will not enter the High School because they are not adapted to the courses found there, or from other circumstances cannot take the years necessary for such a course, we must give them something in its place. This the people have a right to demand and therefore every kind of "wood" should be used in making educational arrows. The committee feel sure that the introduction of practical studies will not militate against the classical and college courses, but will have the opposite effect. Pupils who take up the latter courses when not specially adapted for them, naturally do their work in a perfunctory manner which is an injury to the entire class. They say they "cannot keep up" and either the whole class

must make slow progress or the laggards must be left behind, just keeping their swifter companions in sight, and winning a diploma by the fraction of a per cent. The fault is not actually in the pupil, but in the subject upon which he is engaged. A few become interested after a time and are as zealous as the best, but these are like the proverbial "angels' visits." Above all things, education should recognize the fitness of different minds for different work, and should make of our schools not merely "institutions of learning," as the phrase goes, but character factories where education is the great engine wheel.

The Outlook.

So much for the past and present For the future two contingencies, likely to become certainties, await us. According to the statute, July of this year must see the inauguration of a school superintendent. Whether Ipswich is not too near the valuation limit, to allow of a coalition with other towns is a question. Should such a union be possible, the town will take in either hand its two daughters, Essex and Hamilton, who have signified through their committees their desire to unite with Mother Ipswich. If this is done, Ipswich will have the superintendent's time three days, and the other towns one day each, in every week. For the superintendent's salary a special appropriation must be made, which must be fixed by the town at the coming meeting.

The second contingency is the need of increased school accommodations. The High School is growing. In a short time it will need the whole of the Manning building for its work. Even now another room is needed. Where, then, will the Grammar School be located? The Payne schoolhouse is overcrowded and some remedy must soon be found to re-

lieve its congested condition. What shall be done here? The former difficulty could be obviated by building on to the Winthrop building two new rooms, for Grades VIII and IX, which would bring all the Grammar grades under one roof and might be advantageous in many ways. The solution of the second problem is less easy, but probably will need to be faced very soon While these changes may not have to be met this year, the time cannot be far distant when some action must be taken.

Discipline.

The question of discipline in the school-room sometimes is one of difficulty and dissatisfaction. This arises, perhaps, not so much from the form of correction for delinquencies, as from the manner and spirit in which the penalty is exacted. Children have a sense of right and fairness, which helps them to submit to correction if they think it is deserved. Whatever mode of punishment is selected, it should be administered firmly and kindly and with the utmost fairness. Many occasions of discipline which arise may be made useful training in self-respect and manliness. Learning how to be ruled is at the same time learning how to rule in turn. The past year has been exceptionally free from insubordination, so that one almost would believe that the day of the mischievous or rebellious urchin has passed away. But as "Heaven is not gained at a single bound," it is safe to suppose that these elements are not extinct although held in abeyance for the past year. Once only during the school year has the committee been called upon personally to reprimand pupils. Nearly every school-room has been quiet and orderly, and the quiet and order have been maintained without severe measures.

Primary Schools.

GRADES I, II AND III. WHOLE NUMBER, 392.

The primary department, of first importance as underlying the whole, has been in the hands of the same faithful teachers who for several years have "proved their armor" in this arduous work. Here, with patient care and thought, are laid the first stones of the foundation, and with the opening pages of the book of knowledge, the child mind receives the first lesson in honor and fidelity to duty, which afterwards shall be strengthened and developed into real character. The work of the primary schools demands greater resources on the part of the teacher than does any department of school work. Our teachers as a rule have recognized this fact, and have been on the alert for the "best in the market" in the way of new methods and new expedients. To call some of our primaries a "Congress of Nations" would be no misnomer, so many nationalities now are found collected under one teacher. To assimilate these various peoples and tongues is no easy task, and their entrance into our schools has materially increased the work of the primary teacher, who often has to teach them their first words of English. The "Little Red Schoolhouse" of our fathers has been a powerful leavener of our nation. If this symbol of our school system is not to be supplanted by the red symbol of anarchy and imported ignorance, there must be continued the work of blending the diverse peoples that dwell together in this broad land, and of developing in their children and ours a spirit of tolerance and patriotism. So to these primary teachers falls a great work, and new lessons of love and loyalty to their adopted land should be taught with every additional letter of the alphabet.

During the summer term the Dennison lower primary was crowded, but the fluctuating population has reduced the number of pupils. At

the Payne lower primary. however, the crowded condition still is increasing. At the present time Grade I numbers 50 scholars. This condition promises to be permanent. It seems hardly necessary to say, that the present device of employing two teachers in the same room is poor economy, for an arrangement that is to be long continued, and that, as stated above, early attention should be directed to supplying additional room where this condition exists. Miss Kimball and Miss Ross labor faithfully in these adverse conditions and to their "eternal vigilance" is due the measure of success with which they meet. As a rule, the primaries have been conducted in a manner satisfactory to the committee in points of order, discipline and scholarship. Several pupils in the third grade were found capable of "skipping" Grade IV, and to the delight of these children, in September they were promoted to Grade V.

Grammar Schools.

WINTHROP, GRADES IV. V, VI, VII.	NUMBER 214.
MANNING, GRADES VIII, IX.	NUMBER 100.

WHOLE NUMBER 314.

The only change of teachers in the Winthrop school has been in Grade IV, where Miss Eva A. Willcomb was placed in charge at the beginning of the school year, in September. The work in these grades has been carried on with zeal and the pupils are readily inspired by the enthusiasm of the teachers. There is a pleasing harmony in the relations of teacher to teacher and teacher to pupil, and in the carefully followed sequence of study, which is especially noticeable in this

school. Each stage bears some essential relation to that which is to follow, so that incompetency or incompleteness at any point has a direct bearing upon the fitness of the pupil for going on to the next point. With few exceptions, the entire classes were promoted at the beginning of the school year, several members of each class receiving double promotion. The average per cent for single promotion is 65; for double, 90. Most of those failing of promotion have, in the way of warning, persuasion, and extra personal help, received an extra share of the teacher's time and attention. The teacher finds it an unpleasant as well as an unpopular thing to object to a pupil's advancement, after all the pains taken, yet no one else is so well qualified to judge of a scholar's fitness, as the teacher who has had him in charge. Various causes may militate against his advancement; frequent absence, lack of interest on the part of parents, and like reasons often are the drawbacks.

The fourth grade requires an especial aptitude in the teacher, as here are brought together the pupils from three primaries. While the general outline of work is the same in all, each teacher has impressed her own personality upon her class, and has presented the subject taught, in her own individual way. This is perfectly right and proper. When, however, they are brought together under one new teacher, it is for a time a little difficult to assimilate the several elements. Miss Willcomb has proved herself equal to the task and the school has fulfilled its mission.

As already has been stated, the principal change during the year has been made in the Manning Grammar School, where by lifting Grade VII of the Winthrop School in a slight degree, two grades have been made to take the place of three in the Manning School. Miss Arthur's firm rule, and enthusiastic manner, tempered with a quiet dignity, have won and kept the respect of pupil and parent alike. With her assistant, Miss Sullivan, affairs have been administered impartially and with a fine sense of justice. One of the features of this school is the practical turn which has been given to nearly all the topics studied. Pupils have been trained in thoughtful reading, correct spelling, legible penmanship, in readiness, rapidity and accuracy in mathematics. Through good means and methods, they have been made familiar with the history and government of our people. Habits of promptitude,

punctuality and regularity have been inculcated, and these are fully as essential as the thought studies, especially for children who are soon to become bread-winners. Here, too, are continued those lessons in patriotism which must, in the future, be the safeguard of our nation. Too many scholars still are found who end their school life in the Grammar school, and especially is this true of the children of foreign parents. For these then, there should be special lessons in the duties of American citizenship, and no more fertile soil can be found for the sowing of the right seed, than the mind of the average boy and girl of twelve to fifteen years. Matthew Arnold says, "A great community, like that of the United States, must and will shape its education to suit its own needs" and what greater need at the present time than lessons in pure-hearted patriotism? Recognizing this, the teachers of the Manning School have striven to make the boys and girls not good scholars alone, but apt pupils in honesty, energy and integrity, without which there can be no true success.

The good results of the change of grade already are being felt. Scholars are aware that a greater effort must be made and, although the full benefits may not be seen in this first year of change, they already are hinted at.

At the close of the school year, both the Winthrop and Manning schools made a very creditable exhibition of their work in drawing and writing, although the closing exercises came to an untimely end in the former building, on account of an order from the Board of Health. This order was necessitated by a case of scarlet fever.

In October, patriotic exercises were held by all the schools in honor of the martyred president.

The June Visiting Day at the Manning School fully maintained the excellent reputation of former years, and reflected great credit upon Miss Arthur, whose sudden call to the principalship two months before, had been very unexpected. Of the 34 scholars who graduated June 27, 1901, 30 entered the High School.

Graduating exercises were held on June 27th, 1901, when the following scholars were presented with diplomas by Mrs. Noyes.

Lorraine White Augur	Raymond Osgood Bartlett
Conrad Heuser Brooks	Louise Kemble Brown

Mary Ellen Chisholm
Grace Edna Churchill
Lucy Blanche Doyle
Helen May Fletcher
Frank Lincoln Howe
Emma Sutton Jewett
Herman Winslow Kyes
Ethel May McIntire
Herbert Wilfred Pickup
Charles Chester Ricker
Ernest Joseph Smith
William Weldom Pride Spencer
Inez Brown Sullivan
Edward Roland Tilton
Etta Frances Wait
Mabel Stone Coddington
Pauline Dawson
Nathan Warren Fellows
Lyman Hale Haggerty
Louella Frances Hunt
Lois Choate Jewett
Raymond Douglas Lord
Bertha Cheever Perley
Chester Noyes Reed
Lillian Maude Schofield
Clara McKee Spencer
Annie May Story
Luona Iva Sylvester
Alice Margaret Turner
Mary Philbrook Wait

GRADUATION EXERCISES

—OF THE—

. . . Manning Grammar School . . .

PROGRAMME.

PIANO DUET.

"Ben Hur March".....Lois and Emma Jewett

INVOCATION.

"Six O'clock in the Bay".....Chorus

SALUTATORY and RECITATION.

"Columbus".....Herbert W. Pickup

COMPOSITION.

"Samuel Adams".....Ernest J. Smith

RECITATION.

"A Complaint".....William P. Spencer

SINGING.

"Bells at Eve".....Girls Chorus

RECITATION.

"A Motto from the Catechism".....Chester C. Ricker

COMPOSITION.

"How I Would Teach School".....Helen M. Fletcher

RECITATION.

"Expansion".....E. Roland Tilton

SINGING.

"Our Flag".....Solo and Chorus

COMPOSITION.

"The Cliff Dwellers".....Lyman H. Haggerty

RECITATION.

"A Lost Opportunity".....Pauline Dawson

RECITATION.

"A Rejected Offer".....Louise K. Brown

COMPOSITION.

"A Letter from China".....Maud L. Schofield

SINGING.

"The Home of Freedom".....School

"Class Prophecies".....Louella F. Hunt

RECITATION.

"Wolsey's Farewell to Cromwell".....Ethel M. McIntire

COMPOSITION and VALEDICTORY.

"The End is the Beginning".....Annie M. Story

PRESENTATION OF DIPLOMAS.

SINGING OF CLASS HYMN.

BENEDICTION.

High School.

WHOLE NUMBER, 68.

In High School matters there is much to be said. The increasing interest shown by the larger attendance, the attractive courses now well defined by the words Classical and English, with the introduction of something in a business way for those not classically inclined, and the thoroughness of the preparatory work, demonstrate clearly the place which the High School holds in public opinion, and the success which has crowned the efforts of committee and teachers. The work has been in the same careful hands that have guided affairs for several years. While there may not be so much energy displayed in recitation as in some of the lower schools, there is an undercurrent of steady aim and high purpose in developing the mental powers, and in maintaining a high standard in deportment and scholarship; in acquiring a wider knowledge not only of literature and science but of life and its meaning. The only change in the teachers has been mentioned already, but a word of commendation for Miss Potter, who succeeded Miss Hatch, certainly is due. Herself a graduate of the school, she has brought to her work the especial zeal and interest which one always cherishes for his Almer Mater, and the record of her teaching, like that of her school days, has been satisfactory and honorable.

In September, an unusually large class entered the school, the whole number being 38, of whom 30 were graduates of the Grammar School and 8 coming from neighboring towns. Another year will see a still larger number enroled as High School pupils. As previously stated the outlook for the good influence of the school never was better. There seems to be an awakening among many parents to the importance of the High School work, and the advantages to be gained by a completion of its course. There is, to be sure, a certain percentage of

pupils who do not, by reason of natural aptitude and taste, find in a high school the proper sphere for their best development; but to the majority the school offers, in one or the other of its courses, that which will, if rightly improved, fit them for the future. In introducing a few practical studies the committee has been accused of "lowering the standard of the school." We claim that to give boys and girls the tools, with which they must work in coming years, is not to lower the standard, but to raise it to that plane which every individual has a right to demand. Far be it from the committee to adopt any plan towards making it easier than it has been to obtain a diploma of graduation. Certainly it would be a condition for regret if ever among the pupils of our High School it should become a boast, "We shall get through all right if we don't dig." This common slang word of the school boy stands for the experience through which the success of his life, if it ever comes, must be wrought out, and there is no better time for him to learn the rudiments of the lesson, than in his school days. There must be, therefore, hard and constant "digging" in any course, and practical studies do not mean "flowery beds of ease" for the student. If it is true, as has been said by a famous educator, that "It matters not so much what we study as how we study," then practical studies are safe and legitimate.

Of the ten scholars who graduated in June, one entered the Boston University; one is attending the Salem Normal School, and one entered the Institute of Technology in Boston.

Graduation exercises were held on Wednesday, June 26, when an eloquent address was made by Rev. F. J. McConnell of Ipswich. His subject was "A Plea for the High School."

The class of 1901 included the following pupils:

Classical Course.

FOUR YEARS.

Fannie Bell Goodhue Clara Etta Story

Henry Seville Spaulding

English Course.

THREE YEARS.

Chester Asa Bolles
Edward Caldwell Brooks
Lillie Alice May Bryant
Ida May Butler
Ethel Lena Clarke
Grace Choate Lord
Lydia Hayes McIntire

GRADUATION EXERCISES

—OF THE—

.....Manning High School.....

June 26, 1901.

PROGRAMME.

MARCH.

INVOCATION.....Rev. A. H. Gordon

MUSIC.

SALUTATORY.....Clara E. Story

RECITATION.....Lillian A. M. Bryant

MUSIC.

CLASS HISTORY..... { Chester A. Bolles / Edward C. Brooks

ADDRESS TO GRADUATES.....Rev. F. J. McConnell

"A Plea for the High School."

VALEDICTORY.....Ida M. Butler

AWARDING OF DIPLOMAS.....C. W. Bamford

BENEDICTION.....Rev. A. H. Gordon

MUSIC.

Ungraded Schools.

WHOLE NUMBER, 63.

These still number five, the Argilla, Appleton, Linebrook, Village and Grape Island districts Each has been under excellent management, and is doing all that reasonably can be expected under existing conditions. The largest school is at Linebrook, the smallest at Grape Island. While none of these schools can do the exact work of the graded schools, yet good progress is made, and the personality of teacher and pupil, and the relation existing between the two, are stronger than in the larger and more "machine-run" rooms. Although not quite in line with the central schools, there seems no good reason for, but many against their discontinuance. The teachers are to be commended for their good work in circumstances that admit of little enthusiasm.

Music and Drawing.

The reports of the special teachers in Music and Drawing are appended, but the committee would like to add a word in regard to the satisfactory manner in which these teachers conduct their work. The town was fortunate in securing Miss Ratsey and in being able to keep

her so long: and equally fortunate in the selection of Mr. Macarthur to succeed Miss Hubbard in the music department. Faithful, however, as these instructors have been, it is not to them alone that the credit of the year's result belongs, but to the daily work and hearty co-operation of the regular teacher. No one is more ready to recognize this than are Miss Ratsey and Mr. Macarthur.

Report of Music Supervisor.

To the School Committee of the Town of Ipswich:

In accordance with the custom, I most respectfully submit a brief report of the music study in the public schools. I was elected supervisor of music to fill the vacancy caused by the death of Miss Hubbard, on October 28, 1901. I found excellent material in the schools and the interest of both teachers and pupils has been most helpful to me. In the High School, music had been an elective study. The committee decided to make it a part of the regular course and it gives me great pleasure to state that the work has been taken up with enthusiasm, and with results that promise well for the future.

Good results also are being obtained in the lower grades, where more attention has been given to tone production as well as to elementary work. When taking the position, I found the painstaking efforts of Miss Hubbard plainly in evidence, and I cannot speak too highly of her work. In conclusion, allow me to thank the committee as well as the teachers in the several schools, for their interest and the generous support which has been given me during the few weeks in which I have held the position of supervisor. I hope to make my work speak for itself at the close of the year.

Respectfully yours,

EDWARD L. MACARTHUR.

Report of Drawing Teacher.

To the School Committee of Ipswich:

I herewith submit my annual report.

The aim of Art Instruction is culture through the senses, the purpose of which is to train the eye to see, the hand to express, and the mind to perceive and appreciate. As the highest in us is our sense of beauty, so by giving the child this appreciation and power of expression, we give him greater possession of himself.

We cannot say that any one branch of a subject is more practical than another and that therefore we must give it a greater amount of time. Tastes acquired in childhood are not easily outgrown and for that reason we should endeavor to teach all topics with equal thought and allowance of time, presenting each in so interesting a manner, as never to allow the question to arise in the mind of a High School graduate, "For what am I best fitted?"

The subjects undertaken during the past year in Art have been Color Instruction; Decorative Design; Perspective Elements; Pictorial Drawing in single objects and in groups: Picture Study: Structural Elements, including type solids and geometric figures; and Structural Design.

Unfortunately we were unable last spring to hold our annual exhibition, but trust that an added interest will be manifested in the coming June exhibit. Will all make it a duty as well as a pleasure to take a glimpse of our work and encourage us in our labors? The thanks of the High School pupils are due the committee for allowing them the pyrographic outfit and we hope that we will have much to show both in the designing and the construction of useful objects.

Respectfully submitted,

ETHEL W. RATSEY,

Supervisor of Drawing.

January 24, 1902.

Truancy.

The truant, like the poor, "ye have always with you." Much of the truancy is due to the indifference of parents who care not, or perhaps know not how, to keep their boys from becoming habitual truants. What can be done in the matter? Co-operative action by parents and teachers, the home and the school uniting in cordial effort, alone can remedy the evil. The report of the truant officer, who has been faithful "in season and out of season," follows.

Report of Truant Officer.

Ipswich, January 1, 1902.

To the School Committee of the Town of Ipswich:

As truant officer for the year 1901, I would submit the following report:

During the past year there have been reported 68 cases of truancy, of which 41 were boys and 27 girls. Three boys and three girls were found loitering about the streets and either were taken to school or sent to their homes. All complaints have been carefully investigated.

I am very sorry to report one case of habitual truancy. All means of persuasion and command were tried, to keep the boy in school, and after a long and fair trial, and all methods had been exhausted, the boy was sent to the State Reform School.

The cause of truancy is variable. In some cases the parents of the truants work in the mill or elsewhere during school hours, and the child is left to follow his own pleasure about going to school. Much harm and temptation come also from those boys and girls of 14 to 16 years old, who are beyond the compulsory law, and who have no employment, but spend their time in wandering about the streets. By their example they incite many a boy and girl to stay away from school, who otherwise would do right. These younger boys and girls are influenced more by example than by precept, and so the juvenile army of truants is increased. Some schools have but little truancy, and part of the credit therefor belongs to the teachers. In a few cases the parents have upheld the truant, but generally the officer has been supported.

I wish, in closing, to extend my hearty thanks to the school committee and to all the teachers for their kind and generous support.

Respectfully submitted,

A. S. GARLAND,

Truant Officer.

Truancy Laws.

The following extracts are from the statutes of 1898, chapter 496.

Sect. 12. Every child between seven and fourteen years of age shall attend some public day school in the town or city in which he resides during the entire time the public day schools are in session. subject to such exceptions as to children, places of attendance and schools as are provided for in sections three, seven, ten and eleven of this act: provided, that the superintendent of schools or, where there is no superintendent of schools, the school committee, or teachers acting under the authority of said superintendent of schools or school

committee, may excuse cases of necessary absence; and provided, further, that the attendance of a child upon a public day school shall not be required if such child has attended for a like period of time a private day school approved by the school committee of such town or city in accordance with section two of chapter four hundred and ninety-eight of the acts of the year eighteen hundred and ninety-four, or if such child has been otherwise instructed for a like period of time in the branches of learning required by law to be taught in the public schools, or has already acquired the branches of learning required by law to be taught in the public schools, or if his physical or mental condition is such as to render such attendance inexpedient or impracticable. Every person having under his control a child as described in this section shall cause such child to attend school as required by this section.

Sect 24. Every habitual truant, that is, every child between seven and fourteen years of age who wilfully and habitually absents himself from school, contrary to the provisions of section twelve of this act, upon complaint by a truant officer, and conviction thereof, may be committed, if a boy, to a county truant school for a period not exceeding two years, and if a girl, to the state industrial school for girls, unless such child is placed on probation as provided in section twenty-eight of this act.

Sect. 25. Every habitual absentee, that is, every child between seven and sixteen years of age who may be found wandering about in the streets or public places of any town or city of the Commonwealth, having no lawful occupation, habitually not attending school, and growing up in idleness and ignorance, upon complaint by a truant officer or any other person, and conviction thereof, may be committed, if a boy, at the discretion of the court, to a county truant school for a period not exceeding two years, or to the Lyman school for boys, and, if a girl, to the state industrial school for girls, unless such child is placed on probation as provided in section twenty-eight of this act.

Sect. 31. Any person having under his control a child between seven and fourteen years of age who fails for five day sessions or ten

half day sessions within any period of six months while under such control, to cause such child to attend school as required by section twelve of this act, the physical or mental condition of such child not being such as to render his attendance at school harmful or impracticable, upon complaint by a truant officer, and conviction thereof, shall forfeit and pay a fine of not more than twenty dollars. Any person who induces or attempts to induce any child to absent himself unlawfully from school, or employs or harbors while school is in session any child absent unlawfully from school, shall forfeit and pay a fine of not more than fifty dollars.

Summary.

Probably never before have the school children of Ipswich been more comfortably housed than has been the case in 1901.

As a rule, the teachers of 1901, from Primary to High School, have been satisfactory in points of order, discipline and sound teaching.

A larger per cent than ever before of our Grammar School graduates has entered the High School.

The awakened interest among parents is encouraging and promises better things for the future.

Notwithstanding casual, adverse criticism, our schools are doing suitable, practical work in all their departments, within the conditions furnished.

With the mental training, moral and physical needs have not been neglected; and lessons in honor, patriotism and self-control, in polite

and courteous forms of speech. and in many kindred topics have been inculcated.

The salaries for the year have been reduced $500 without hindrance to any branch of the school work, and without "cutting down" or dropping any teacher. As a rule, the salaries of the teachers compare favorably with those of similar grades in other towns. In the primaries, where "much is required," the text of Holy Writ is reversed and instead of much being given, the smallest salary is paid.

The aim of the teachers has been to cultivate, as far as possible, the pupil's own powers of observation and reasoning, instead of making him merely the passive recipient of the thoughts and ideas of other people.

For the coming year, we ask not only a certain appropriation of money, but an increased interest on the part of parents and the community at large. Visit frequently. Encourage liberally. Criticise justly. See that the children are in school every day unless there is strong reason for their absence. Remember that the largest, most legitimate, and most influential "Consolidated Trust Company" in the United States is Home and School.

Brief Extracts From Educational Laws.

1. All children between 7 and 14, unless sick, or feeble-minded, must attend the public school during the entire time of each school year. Penalty to parent or guardian for failure in attendance for five day sessions within any period of six months, $20.

2. No child under 14 can be employed "in any factory, workshop or mercantile establishment." "No such child shall be employed in any work performed for wages or other compensation" during the hours when the public school is in session nor before six o'clock in the morning or after seven in the evening.

3. No child under 16 can be employed in any factory, workshop or mercantile establishment without a certificate from the school committee. He must present an employment ticket from the person who wishes to employ him on applying for a certificate. The father, if living and a resident, must sign the certificate of age; if not, the mother; if neither, the guardian.

4. Children between 14 and 16 must either attend school or be regularly employed.

5. Children must be vaccinated before attending school, but a certificate from a regular physician, saying a child is an unfit subject for vaccination, allows attendance.

No child can attend school from a household in which there is a case of small-pox, diphtheria, scarlet fever, or measles, or from a household exposed to contagion as aforesaid. Two weeks after the death, removal or recovery of the patient in a case of the first three mentioned or three days after in a case of measles, the child may return on presentation of a certificate from the attending physician or from the board of health.

6. "The last regular session prior to Memorial Day, or a portion thereof, shall be devoted to exercises of a patriotic nature."

School Calendar.

.....Present School Year.....

Began September 4, 1901; ends June 26, 1902.

.....Next School Year.....

First term, 16 weeks, begins Wednesday, September 3, and closes Friday, December 19, 1902.

.....Vacation of Two Weeks.....

Second term, 12 weeks, begins Monday, January 5, and closes Friday, March 27, 1903.

.....Vacation of One Week.....

Third term, 12 weeks, begins Monday, April 6, and closes Thursday, June 25, 1903.

.....Number of Sessions.....

Two each week-day, except Saturday.

.....Hours of Sessions.....

From April to November, 9 o'clock A. M. to 12 M. 1.30 o'clock to 4 P.M.
From November to April, 9 o'clock A. M. to 12 M. 1.30 to 3.30 P. M.

.....Detentions Permitted.....

Thirty minutes only, and that at the close of the afternoon session.

.....Legal Holidays.....

February 22, April 19, May 30, Thanksgiving Day. There will be no school on Friday of Thanksgiving week.

.....Storm Signals.....

In case of very severe storm, a signal for no session of the schools will be given by the fire alarm.
The morning signal will be given at 8 A. M.; that for the afternoon at 11 A. M.

.....Committee Meetings.....

The regular meetings of the school committee are held on the first Tuesday before the first Wednesday in each month. All bills against the school department should be sent to the secretary on or before the date of these meetings.

Appropriations.

The committee recommend the following appropriations for the year 1902:

For rent of Manning School Building	$1600 00	
For High School	400 00	
For Common Schools, teachers' salaries	8000 00	
For text books and supplies	1000 00	
For transporting scholars from out districts	550 00	
For care of school buildings	600 00	
For fuel	600 00	
For repairs	350 00	
For salary of superintendent for six months after July 1st	500 00	
		$13600 00

CHARLES W. BAMFORD
JOHN H. COGSWELL
HARRIET E. NOYES
GEORGE W. TOZER
CHARLES S. CUMMINGS
CHARLES G. HULL
} School Committee.

REPORTS

—OF THE—

Several Educational FUNDS.

REPORT

OF THE

Trustees of the Burley Education Fund.

The Trustees of the Burley Education Fund herewith submit their

SEVENTY-SEVENTH ANNUAL REPORT.

The funds in their hands consist of

One note of the town of Ipswich	$3500 00	
Fifteen shares Boston & Maine R. R. stock	3000 00	
Deposited in Salem Savings Bank	1113 76	
Deposited in Salem Five Cent Savings Bank	971 75	
Deposited in Ipswich Savings Bank	4831 18	
Deposited in Ipswich Savings Bank, Caldwell fund	697 85	
		$14,114 54

The income since last report is as follows:

Interest on town note	$ 175 00	
Dividend from 15 shares B & M. R. R. stock	52 50	
Dividend from Salem Savings Bank	37 96	
Dividend from Salem Five Cent Savings Bank	33 13	
Dividend from Ipswich Savings Bank	182 78	
Dividend from Ipswich Savings Bank. Caldwell fund	28 44	
		$509 81

The expenditures have been as follows:

Laura A. Hubbard, for teaching music in public schools	$ 75 00	
Edward L. Macarthur, for teaching music in the public schools	90 00	
Frank T. Goodhue, organ for Cogswell school	25 00	
C. F. Chapman, organ for Winthrop school (from Caldwell fund)	35 00	
		$225 00
Income over expense		284 81

Ipswich, February, 1902.

JOHN H. COGSWELL
GEORGE W. TOZER
FRANK T. GOODHUE
} Trustees of the Burley Education Fund.

REPORT

OF THE

Trustees Manning School Fund.

Statement to the Town Clerk of Ipswich by Joseph Ross and others, Trustees of the Manning School Fund, for the year 1900.

RECEIPTS.

Cash on hand January 1st, 1900	$ 44 48	
Income from investments	1,514 41	
Income from rents	105 50	
Income from town of Ipswich as per contract	1,450 00	
Income from tuition of pupils from out of town	427 20	
Principal: Bonds due and paid off and stock sold	17,306 00	
Balance: Owing by the fund	733 06	
		$21,580 65

DISBURSEMENTS.

Salaries	$ 2,220 00	
Coal, insurance, repairs and other expenses	706 18	
Interest on debt, $7000, at 4 per cent	280 00	
Principal: Re-investment of	18,374 47	
		$21,580 65

CONDITION OF FUND.

Land, building, furniture and fixtures for School Master's house, $7000	
Securities: 20000 Peoria and Eastern R. R. 4 per cent bonds	$18,000 00
5000 Ohio Southern R. R. bonds	5,000 00
8000 Boston Steel and Iron Co. First Mortgage	8 000 00
5000 Mexican Central Railway bonds	4,000 00
2000 New England Brick Co. First Mortgage	2,000 00
4000 Electric Securities Co 12th series bonds	4,100 00

26 June, 1901—For said Trustees,

OTIS KIMBALL, their Treasurer.

By U. S. Mail 11 July, 1901.

REPORT

OF THE

Feoffees of the Grammar School.

The Feoffees of the Grammar School, by their Treasurer, submit the following report. The property in their hands is as follows:

Little Neck, valued at	$ 5000 00	
School Farm, so called, in Essex	2000 00	
One Water Bond, City of Lynn	4000 00	
Deposited in Ipswich Savings Bank	5685 73	
Deposited in First National Bank	148 73	
		$16,834 46

The income since the last report is as follows:

From land rent at Neck	$ 282 00	
From rent of school farm in Essex	204 86	
Interest on water bond city of Lynn	200 00	
Dividends on deposits in Savings Bank	214 92	
From rent of farm house at Neck	83 33	
		$985 11

The disbursements since last report have been as follows:

John P. Marston, salary as Master of Grammar school	300 00	
John W. Goodhue, paint and hardware	49 49	
Aaron D. Wells, whitewashing	3 50	
S. F. Canney, lumber	26 63	
Mark Newman, pumps and labor	21 00	
William Marshall, iron work	4 10	
Theodore F. Cogswell, drain pipe	2 60	
Cogswell & Safford, insurance on buildings at Neck	19 20	
L. A. Peabody, labor at Neck	84 80	
Slayter-Jennings Co., envelopes and bill heads	6 75	
		$518 07

Balance being income over expense	467 04
There is due from land rent at Little Neck	72 00
Due from occupants of school farm in Essex	168 50
Due for rent of farm house at Neck	54 86

Ipswich, February 1st, 1902.

For the Feoffees Grammar School,

JOHN H. COGSWELL, Treasurer.

I certify that the above statement is correct as per vouchers.

HENRY F. DUNNELS, Auditor.

REPORT

OF THE

Trustees of the Brown School Fund.

The Trustees of the Brown School Fund present the following report:

The funds in their hands are as follows:

Deposited in Ipswich Savings Bank	$1250 00	
Deposited in Salem 5c. Savings Bank	1000 00	
		$2250 00

The income for the past year has been as follows:

Dividend from Ipswich Savings Bank	$ 50 02	
Dividend from Salem 5c. Savings Bank	35 30	
		$85 32

The expenditures for the year have been as follows:

Fifteen scholars' tickets books, at $2.50 each	$ 37 50	
Thirty-six scholars' tickets books, at $1.00 each	36 00	
Incidental expenses for the year	82	
		$74 32
Balance over expense		11 00

Ipswich, February, 1902.

THEODORE F. COGSWELL
GARDNER A. BROWN
JOHN H. COGSWELL
} Trustees of the Brown School Fund.

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